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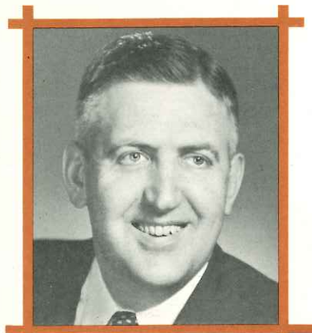
Exhibit "A"

Nasco FUR FARM catalog

NASCO, FORT ATKINSON, WIS. 53538 PHONE 563-2446

Nasco's FOUR LITTLE WORDS
SERVICE . . . QUALITY . . . VALUE . . . FRIENDSHIP

For two decades — through the dark days and the bright days — Nasco has stood shoulder-to-shoulder with the mink ranchers of America . . . Today, Nasco — more than ever before — is prepared to serve you better, faster and more economically . . . Bring your problems to The Men of Nasco — you'll be glad you did!



LEO W. ROETHE,
President, Nasco Industries, Inc.

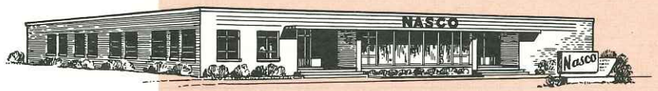
For two decades Leo Roethe has been a great and consistent booster for the fur farming industry. He has spoken before gatherings of mink ranchers, contributed articles to fur ranching publications, and led the way in the promotion of one of America's most romantic industries for two decades.

ALLAN S. HAUKOM,
President, Nasco Division
of Nasco Industries, Inc.

A long-time friend of the mink farmers of America, Mr. Haukom's faith in the industry has never wavered, even during its darkest days. He jubilantly predicts that "the brightest ten years in the history of mink ranching lie just ahead of us."

LEROY HAYNES (Left)
GARRETT BARRY (Right)
Nasco Mink Sales Representatives

"Leroy and Gary" are old friends of the fur farming industry. They've attended many of the shows, conventions and smaller gatherings . . . they've served hundreds of mink ranchers at Nasco. They know the mink men of America — and the mink men know them.



Nasco's Farm Store
just south of Fort Atkinson on Highway 26

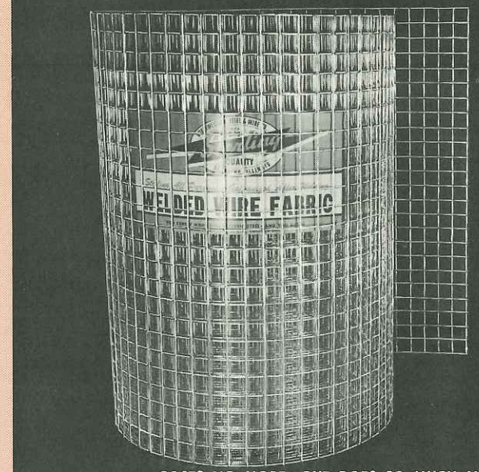
If you're driving in, phone ahead and your order will be waiting at one of Nasco's two handy loading docks

5% Cash Discount All Items This Page

NEW NORTHWESTERN

NORTHWESTERN STEEL & WIRE CO. SINCE 1879 — Sterling QUALITY — STERLING · ILLINOIS

GALV-AFTER WELDED WIRE



A great new super zinc surface that is permanently bonded to the finest copper bearing steel that can be made. A DOUBLE application of this superior finish—first to the separate wire strands and then AFTER the fabric is welded—provides a new standard of quality for mink pen wire. Buy the new STERLING welded wire fabric for LONGER LIFE—PERFECT SPACING—EASIER HANDLING—BETTER APPEARANCE.

COSTS NO MORE—BUT DOES SO MUCH MORE FOR YOU.

- NEW SUPER GALVANIZED SURFACE WITH Zn 24
- PRECISION SPACING
- HARD RUST PROOF METAL SURFACE — BONDED TO STEEL — CANNOT BE CHEWED OFF
- NO "METAL STAINING" OF LIGHT COLORED FURS
- TOUGH BUT EASY TO WORK
- SMOOTH EDGES

14 GAUGE—100 Ft. Rolls

1" x 1"				1½" x 1"				2" x 1"			
Cat. No.	Wid.	Wt.	Price	Cat. No.	Wid.	Wt.	Price	Cat. No.	Wid.	Wt.	Price
V1	12	45	$11.95	V8	12	35	$ 9.75	V15	12	33	$ 7.40
V2	15	56	14.80	V9	15	45	12.30	V16	15	42	9.45
V3	18	67	17.45	V10	18	52	14.50	V17	18	49	11.05
V4	24	87	22.60	V11	24	70	18.65	V18	24	65	14.10
V5	30	114	28.45	V12	30	88	23.50	V19	30	81	17.75
V6	36	133	33.90	V13	36	105	28.05	V20	36	97	21.20
V7	48	178	44.30	V14	48	140	37.35	V21	48	129	28.25

16 GAUGE—100 Ft. Rolls

½" x ½"				½" x 1"				1" x 1"			
Cat. No.	Wid.	Wt.	Price	Cat. No.	Wid.	Wt.	Price	Cat. No.	Wid.	Wt.	Price
V22	12	52	$19.85	V28	12	43	$13.70	V34	12	29	$ 9.30
V23	15	65	24.60	V29	15	49	17.35	V35	15	35	11.55
V24	18	76	29.20	V30	18	64	20.50	V36	18	43	13.55
V25	24	104	38.30	V31	24	86	26.70	V37	24	58	17.50
V26	30	128	47.88	V32	30	107	33.50	V38	30	72	21.95
V27	36	154	57.45	V33	36	130	39.95	V922	36	87	26.65

HEX NETTING

For pen netting that will last and last we recommend heavy-duty "Hex" netting that is galvanized after weaving to form a rust-proof joint that is impervious to the elements. Made of copper bearing steel. Available in 16 and 18 ga. 1" mesh in widths from 12" to 72", 150-ft. rolls.

16 Gauge 1" Mesh

Cat. No.	Width	Wt.	Price
V42	12"	50	$19.88
V43	18"	76	27.69
V44	24"	103	34.57
V45	30"	126	41.92
V46	36"	148	49.37
V47	48"	190	63.65
V48	60"	236	78.74
V49	72"	283	94.67

18 Gauge 1" Mesh

Cat. No.	Width	Wt.	Price
V50	36"	85	$28.92
V51	48"	112	38.14
V52	60"	139	46.97
V53	72"	167	56.31

NEW STERLING KIT-SAV-R VARIABLE MESH

Sterling variable mesh breeder cage wire now comes to you with the new super surface that makes the old proven reliable product even better. Now available in two mesh size, 1 x 1 with bottom four inches ½ x 1; or 1 x 1½ with the bottom four inches ½ x 1½. The best galvanized after product on the market. 14 gauge only.

1" x 1" with Bottom ½" x 1"

V39 12" wide. Wt. 46 lbs. $14.05
V40 15" wide. Wt. 61 lbs. 16.85
V41 18" wide. Wt. 72 lbs. 19.50

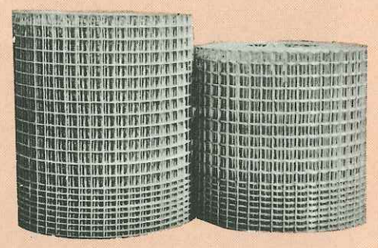
1" x 1½" with Bottom ½" x 1½"

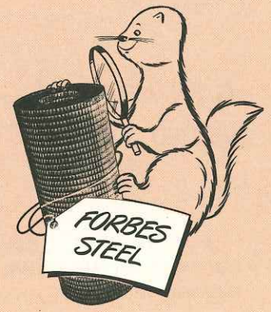
V951 15" wide. Wt. 58 lbs. $15.45
V952 18" wide. Wt. 67 lbs. 17.70

For The Best Pen Wire Money Can Buy—Choose

FORBES BETHANIZED "TRIPLE F" WELDED WIRE FABRIC

**ELECTRO GALVANIZED—
MORE PURE ZINC than any other—
Smooth uniform finish—No cracks from bending—Completely sealed welds without galvanizing after—
Exact spacing—Longest lasting—
Easiest to work—Type C Coating.**





Yes, the initial cost is a little higher than other wire, but it's sure cheaper in the long run. Get years of extra life from this proven superior fabric.

Pure zinc electronically applied fuses a much heavier coating to the steel than it is possible to apply by a dipping process. Applies it smoothly and evenly so that it's actually a part of the wire itself, not a surface layer. This large quantity of zinc causes the welds to "heal" themselves . . . more completely and tightly than a surface coat can do. The result—a smooth, easily worked wire with no globules of zinc to get in the way.

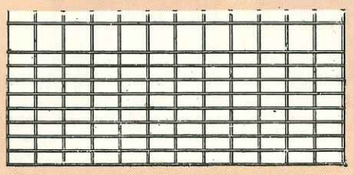
Forbes Triple F is self healing. Each time it is cut, the heavy zinc coat spreads over the exposed ends forming a protective scab.

This is a wire of proven superiority. Ranchers who started with it in 1957 keep coming back for more. The demand keeps growing.

Get started with the best . . . order today.

14 GAUGE—100 Ft. Rolls

1 x 1				1½ x 1				2 x 1			
Cat. No.	Wid.	Wt.	Price	Cat. No.	Wid.	Wt.	Price	Cat. No.	Wid.	Wt.	Price
V54	12''	45	$13.63	V61	12''	36	$11.36	V68	12''	33	$ 9.14
V55	15''	56	16.94	V62	15''	45	14.04	V69	15''	42	11.36
V56	18''	67	19.82	V63	18''	54	16.31	V70	18''	49	13.68
V57	24''	89	25.68	V64	24''	72	21.30	V71	24''	65	17.94
V58	30''	111	31.80	V65	30''	90	26.25	V72	30''	81	22.45
V59	36''	133	37.95	V66	36''	107	30.96	V73	36''	97	26.78
V60	48''	178	50.51	V67	48''	143	41.83	V74	48''	129	35.60



A

B

Wire Sizes (Actual Diameters)

Gauge 9 10 11 12 13 14 15 16 17 18

FORBES KIT SAV-R WIRE A

Forbes "Triple F" wire in variable mesh for breeder cages. Standard 1'' x 1'' mesh with 4 additional cross wires making ½'' x 1'' on the bottom 4'' of the wire. Because of its long-lasting qualities, Forbes is the ideal wire for breeding pens. Now with the added advantage of small mesh wire on the bottom to keep the young kits in the pen, Forbes "Triple F" wire is the wire for you. Prices F.O.B. Fort Atkinson and subject to change. 14 gauge only.

V75 Forbes 15'' Kit Sav-r. Wt. 62 lbs. $19.50
V76 Forbes 18'' Kit Sav-r. Wt. 72 lbs. 22.50

SMOOTH GALVANIZED LACING WIRE B

Finest copper bearing steel wire with extra heavy galvanizing. Convenient coils of 50 or 100 lbs. for easy handling. Ideal for supporting pens, repair work or many other uses on a mink ranch.

V77 9 gauge, 100 lb. coil $13.40
V78 9 gauge, 50 lb. coil 7.15
V79 12 gauge, 100 lb. coil 13.70
V80 12 gauge, 50 lb. coil 7.25
V81 14 gauge, 100 lb. coil 14.25
V82 14 gauge, 50 lb. coil 7.45
V83 16 gauge, 50 lb. coil 8.25
V84 16 gauge, 100 lb. coil 15.40

5% Cash Discount All Items This Page

A B C

WELDED "Galvanized After" HARDWARE CLOTH

THE IDEAL FALSE BOTTOM WIRE

WELDED HARDWARE CLOTH A

Welded hardware cloth gives you something extra for the same price as conventional hardware cloth. The standard cloth is "woven," one strand of wire overlapping another. Welded means each intersection is separately welded together, making a smoother, stronger material which is much easier to handle. Wires, after welding, are galvanized with a heavy zinc coating to reduce the chance of rust damage. Compare the prices and order now for the winter months. Available in 19-gauge standard weight only. 100-ft. rolls.

V786 2 x 2 (½'') 19-gauge, 18'' wide. Wt., 38 lbs. $16.66
V85 2 x 2 (½'') 19-gauge, 24'' wide. Wt., 51 lbs. 19.60
V86 2 x 2 (½'') 19-gauge, 30'' wide. Wt., 64 lbs. 24.00
V87 2 x 2 (½'') 19-gauge, 36'' wide. Wt., 76 lbs. 28.90

HEAVY INDUSTRIAL WEIGHT HARDWARE CLOTH B

For those who demand the utmost in durability in finer mesh cloth this is the answer. Galvanized after weaving to insure long, rust-free life. 100-ft. rolls.

	Mesh	Gauge	Width	Wt.	Price
V104	2x2	18	24''	76	$30.29
V105	2x2	18	30''	95	37.00
V106	2x2	18	36''	114	45.00
V107	2x2	18	48''	152	58.24
V108	3x3	18	24''	116	54.38
V109	3x3	18	30''	145	66.09
V110	3x3	18	36''	174	75.78
V111	3x3	18	48''	232	99.84
V112	4x4	18	24''	114	68.24
V113	4x4	18	30''	142	82.28
V114	4x4	18	36''	171	98.62
V115	8x8	24	24''	54	55.65
V116	8x8	24	30''	68	72.98
V117	8x8	24	36''	81	82.95

STANDARD WOVEN HARDWARE CLOTH C

The old reliable for years. Woven mesh heavily galvanized after weaving to give you excellent service. 100-ft. rolls.

Standard Hardware Cloth

	Mesh	Size	Ga.	Wid.	Wt.	Price
V88	2x2	½''	19	24''	58	$19.95
V89	2x2	½''	19	30''	73	24.80
V90	2x2	½''	19	36''	87	29.10
V91	2x2	½''	19	48''	116	39.38
V92	3x3	⅓''	21	24''	55	22.30
V93	3x3	⅓''	21	30''	70	26.50
V94	3x3	⅓''	21	36''	84	31.50
V95	3x3	⅓''	21	48''	112	42.14
V96	4x4	¼''	23	24''	54	23.31
V97	4x4	¼''	23	30''	68	28.25
V98	4x4	¼''	23	36''	81	33.90
V99	4x4	¼''	23	48''	108	45.25
V100	8x8	⅛''	27	24''	48	30.21
V101	8x8	⅛''	27	30''	60	37.25
V102	8x8	⅛''	27	36''	72	44.10
V103	8x8	⅛''	27	48''	96	59.26

"REFLECTOR TOP" T POSTS A

This heavy studded, reflector top "T" post offers you the utmost in strength, long life and service. The smooth groove in which the wire rests eliminates any shearing action on the fence wires. Prime coat is of zinc chromate and final coat of baked aluminum. Large anchor plate gives security against frost upheaval. Five heavy galvanized wire fasteners are furnished with each post. Size 1½'' x 1⅜'' x 3/16'' x 5/32''.

E702 Studded "T" Post, 84''. Each $1.30
E703 Studded "T" Post, 96''. Each 1.54

HEAVY DUTY PUNCHED "ANGLE" STEEL POSTS B

For a high-quality steel fence post at lowest cost you can't beat this Sterling punched angle steel post. It is excellent for guard fences and other standard fencing. Riveted, long-lasting anchor plate assures firm ground grip. Five fasteners of snap-on type are furnished with each post. Baked enamel surface.

E521 Angle Steel Post 60''. Wt. 7 lbs. Each $ .84
E522 Angle Steel Post 72''. Wt. 8 lbs. Each .92
E523 Angle Steel Post 84''. Wt. 9 lbs. Each 1.05

THE "MINK RANCHER" STEEL POST C

Designed originally as an electric fence post that offered greater strength by utilizing the U-shaped design of standard steel posts. This greatly increased strength, lightweight and ease of driving made it a natural on the mink ranch.

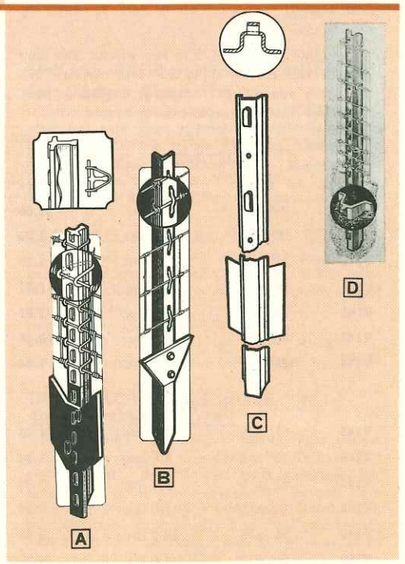
U-shaped. 1¼'' wide x ⅝'' deep. Non-shear formed fingers to hold wire. Sturdy 3'' x 3'' anchor plate, box-welded for added strength. Rust-proofed by phosphatizing. Baked green enamel finish. **In bundles of 10 only.**

E121-SU48 Steel Post 48''. Sh. wt. each 2 lb. 11 oz. ..... $ .50
E121A-SU54 Steel Post 54''. Sh. wt. each 2 lb. 12 oz. ..... .55
E121B-SU60 Steel Post 60''. Sh. wt. each 2 lb. 13 oz. ..... .60

STUDDED "U" GROUND GRIPPER POSTS—for the Best D

Self-anchoring, heavy-duty post. Each post furnished with heavy galvanized wire fence fasteners. Size: 2'' face, 1-3/16'' back, 1'' depth.

E411 5½ ft. Wt. 7 lbs. Each ..... $ .98
E412 6 ft. Wt. 7½ lbs. Each 1.05
E413 7 ft. Wt. 8½ lbs. Each 1.20
E414 8 ft. Wt. 9½ lbs. Each 1.35



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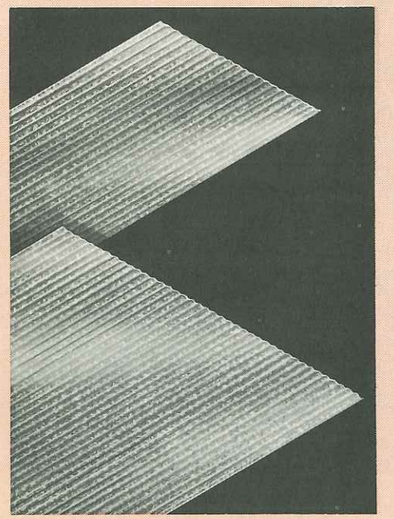

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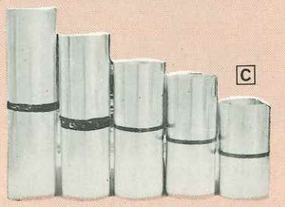

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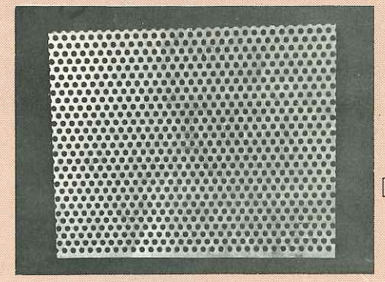

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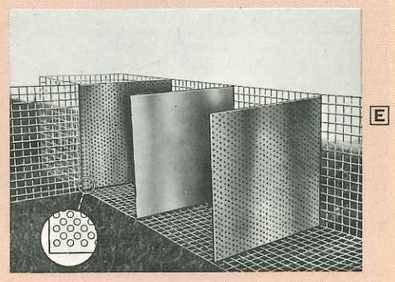

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CORRUGATED ALUMINUM ROOFING SHEET A

There is no substitute for aluminum mink shed roofing—far lower in cost when you consider cost over years of service. Aluminum never loses its ability to reflect heat.

No fading . . . no maintenance! It won't fade out as galvanized does, never needs costly painting or any other maintenance. Aluminum protects your investment better, longer.

Strong, handsome, weatherproof! Roofing is designed and made to stand up under heaviest wind and snow loads, embossed for lasting good looks.

Guaranteed for 30 years! Special aluminum alloy won't stain, warp, rot or split. It's guaranteed against corrosion for a full 30 years in normal use.

Available from NASCO in two widths. The long popular and easy-to-apply 26" and the new 51" that gives you full 48" coverage. .019 thickness. Embossed 1¼" corrugations.

26" WIDE

Cat. No.	Size	Wt.	Price
V138	26"x 6'	3.8 lbs.	$1.66
V139	26"x 7'	4.4 lbs.	2.00
V140	26"x 8'	5.0 lbs.	2.28
V141	26"x 9'	5.6 lbs.	2.57
V142	26"x10'	6.3 lbs.	2.87
V143	26"x11'	6.9 lbs.	3.13
V144	26"x12'	7.5 lbs.	3.44

51" WIDE

V145	51"x 6'	7.4 lbs.	$3.35
V146	51"x 7'	8.6 lbs.	3.90
V147	51"x 8'	9.0 lbs.	4.45
V148	51"x 9'	11.0 lbs.	4.98
V149	51"x10'	12.2 lbs.	5.59
V150	51"x12'	14.6 lbs.	6.70

FILON FIBERGLASS PANELS B

Brighten the interior of your sheds with fiberglass translucent (clear) panels. Use several sheets on each shed in place of aluminum roofing. Same width and corrugation. Admits 85% as much light as glass. Particularly advantageous in winter to brighten dark sheds. This heavy-weight sheet (5 oz. per sq. ft.) is recommended for shed roofs carrying heavy snow loads. 26" wide, 1¼" corrugations. Thickness, .037 inches. Can be cut to any length with crosscut finishing saw.

V924	26" x 5'	$3.75
V920	26" x 6'	4.45
V905	26" x 8'	5.75
V894	26" x 10'	7.20
V895	26" x 12'	8.65

ALUMINUM FLASHING C

Ideal for valleys, ends and corners. Packaged in 50-ft. rolls. Smooth mill finish. For use as pen dividers. Cut off at the proper length, and ring into the pen using ⅞" or 1" pointed end rings.

V151	14" $ 9.50	V154	20" $13.45
V152	15" 10.95	V155	24" 18.00
V153	18" 12.85	V156	28" 19.35

STANDARD COP-R-LOY PEN DIVIDER D

A new concept in durable rust-resistant metals. Increased copper content and heavy galvanizing insures increased rust-free life. 5/32" holes staggered on ¼" centers gives maximum air circulation. Dividers are perforated and then cut, thus hole spacing from edge may vary slightly. 26-gauge metal.

Cat. No.	Size	Wt. per bundle 25	Price each
V196	12"x12"	21 lbs.	$ .20
V197	12"x15"	24 lbs.	.27
V198	12"x18"	29 lbs.	.29
V199	12"x24"	35 lbs.	.39
V200	12"x30"	50 lbs.	.53
V201	15"x15"	29 lbs.	.33
V202	15"x18"	33 lbs.	.34
V203	15"x24"	48 lbs.	.49
V204	15"x30"	58 lbs.	.63
V205	15"x36"	65 lbs.	.68
V206	18"x18"	38 lbs.	.42
V207	18"x24"	57 lbs.	.56
V208	18"x30"	75 lbs.	.65
V209	18"x36"	88 lbs.	.83

5% Cash Discount All Items This Page

SUPER COP-R-LOY GALVANIZED PEN DIVIDERS E

More of these fine quality dividers are in use than any other divider on the market. Their quality has been proven throughout the country in thousands and thousands of pens.

Made of heavy 26-gauge galvanized copper bearing steel. Precisely cut and punched. 3/16" staggered holes spaced ½" apart center to center.

Exact Hole Alignment From Edge—a feature so important in saving time and money in construction. ¾" ring is always just right for proper installation. No split holes or jagged edges. Holes are punched after divider is accurately cut to size. Zinc seals interior of hole in punching process. With these dividers you get **Long Life—Low Cost—Sturdy Rapid Construction.**

PERFORATED DIVIDERS

Cat. No.	Size	Wt. per bundle 25	Price each
V174	12"x15"	24 lbs.	$ .28
V175	12"x18"	29 lbs.	.30
V176	12"x24"	35 lbs.	.40
V177	12"x30"	50 lbs.	.55
V178	12"x36"	58 lbs.	.60
V179	15"x18"	33 lbs.	.37
V180	15"x24"	48 lbs.	.50
V181	15"x30"	58 lbs.	.65
V182	15"x36"	65 lbs.	.70
V183	18"x18"	38 lbs.	.43
V184	18"x24"	57 lbs.	.57
V185	18"x30"	75 lbs.	.67
V186	18"x36"	88 lbs.	.85

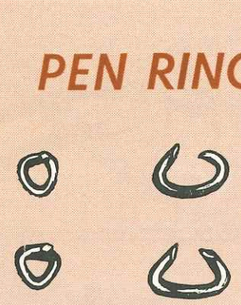
SOLID (Not Perforated) DIVIDERS

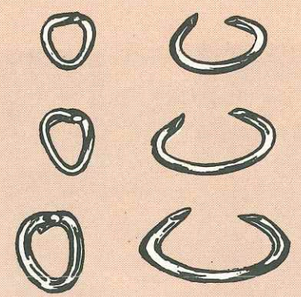
V187	12"x24"	37 lbs.	.36
V188	12"x30"	52 lbs.	.45
V189	15"x24"	50 lbs.	.45
V190	15"x30"	60 lbs.	.56
V191	15"x36"	67 lbs.	.67
V192	18"x18"	40 lbs.	.40
V193	18"x24"	59 lbs.	.54
V194	18"x30"	77 lbs.	.67
V195	18"x36"	90 lbs.	.81

ALUMINUM RIDGE ROLL

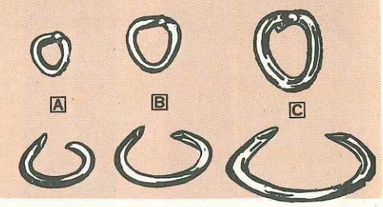
V157 Aluminum Ridge Roll, plain edge, 10' long, 9⅓" wide. Each $2.35

PEN RINGS





Forbes Bethanized
GALVANIZED PEN RINGS
FAMOUS TRIPLE F WIRE



A B C

GALVANIZED PEN RINGS

The finest copper bearing galvanized pen rings. Made of 14-gauge heavily galvanized wire. Tapered ends. Illustrations above show rings actual size.

V218 ⅝" Galvanized Rings (800/lb.).
Per 50 lbs. $19.00
Per 25 lbs. 10.00
Per 1 lb. ..... .45

V219 ½" Galvanized Rings (736/lb.).
Per 50 lbs. $15.00
Per 25 lbs. 8.00
Per 1 lb. ..... .44

V220 ¾" Galvanized Rings (544/lb.).
Per 50 lbs. $14.50
Per 25 lbs. 7.95
Per 1 lb. ..... .43

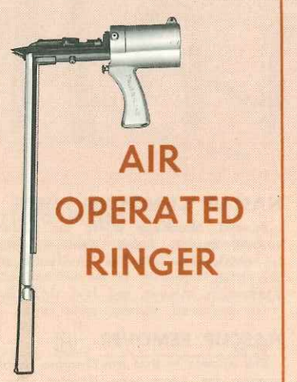
V221 ⅞" Galvanized Rings (416/lb.).
Per 50 lbs. $14.00
Per 25 lbs. 7.25
Per 1 lb. ..... .36

V222 1" Galvanized Rings (336/lb.).
Per 50 lbs. $13.50
Per 25 lbs. 7.00
Per 1 lb. ..... .33

FORBES TRIPLE F PEN RINGS

A natural companion to the Forbes pen wire. Ranchers asked us, "Why don't you sell pen rings made of Forbes 'Triple F' wire?" Made from the same wire as the welded wire fabric. Available in ½", ¾", and 1" sizes. With tapered points.

A **V223** ½" Forbes Rings. Per 10 lbs. ..... $ 5.40
Per 25 lbs. 11.00
B **V224** ¾" Forbes Rings. Per 10 lbs. 4.10
Per 25 lbs. 9.00
C **V225** 1" Forbes Rings. Per 10 lbs. 3.95
Per 25 lbs. 9.40



AIR OPERATED RINGER

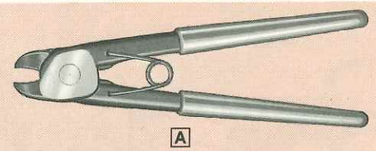
The portable air operated drop jaw ring machine replaces hand ringing. The jaws drop down 1" before closing, enabling the operator to do those hard-to-get-at jobs. Uniform, tight closure of the rings is assured. One of the greatest advantages of this machine is the speed of production over the tiresome hand ringing method. Efficient operating air pressure, 60 to 110 lbs. Air intake, ¼" pipe. The ½" size is recommended for building wire pens, the ¾" size for ringing metal dividers. Sh. wt. 3 lb. 13 oz.

V953-2B Ringer for ½" rings $50.00

V954-2A Ringer for ¾" rings 50.00

V955 ½" galvanized rings. Box of 1000 ..... 1.15

V956 ¾" galvanized rings. Box of 1000 ..... 1.20



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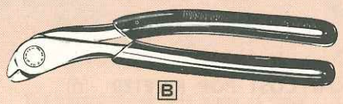

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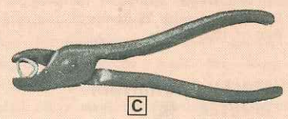

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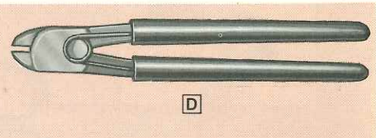

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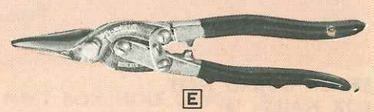

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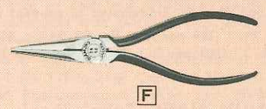

F

SPECIAL DROP FORGED RINGER A

This is the ringer you have been waiting for. Highest quality drop forged steel. Fits comfortably in the hand. Has plastic cushion grips for easier handling and to reduce hand fatigue. Will accommodate all sizes of rings illustrated above. Tension spring opens pliers automatically to receive the ring. Wt. 1 lb.

V228 Drop Forged Ringer w/spring $3.25

HAYS DROP-FORGED RINGER B

Designed to clinch ⅜" and ½" pen rings. Made of high-quality, drop-forged, heat-treated steel. Fits comfortably in the hand. Has plastic cushion grips for easier handling and to reduce hand fatigue. Wt. 1 lb.

V790 Hays Ringer $4.00

V791 Hays Ringer (same as above but without plastic grips) 3.25

MALLEABLE IRON PEN RINGER C

A low cost ringer that will give you excellent service. Shaped to comfortably fit hand. Special jaws to give long life. Wt., 1 lb.

V231 Malleable Iron Ringer ..... $ .95

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SPECIAL DROP FORGED RINGER D for Midget Rings (⅜")

Same exceptional construction as V228 ringing plier but with head specially ground and fitted to tightly close the midget ⅜" ring. Comfortable plastic handles. Equipped with spring. Will handle up to ¾" rings. Wt., 1 lb.

V230 Special Ringing Plier $4.00

DIAMALLOY METAL SNIPS E

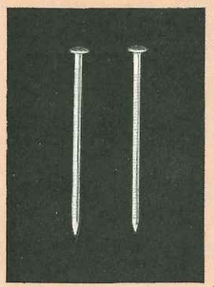
Compound action metal snips with drop forged handles for extra strength. Serrated cutting edge for easy cutting. Large pivot bolts. Plastic handle grips. Chrome plated. Overall length, 10". Cutting length, 1¾". Wt., 1¼ lbs.

T666-DAS10 Diamalloy Metal Snips, straight cut $4.20

DIAMALLOY LONG NOSE SIDE CUTTING PLIERS F

For reaching into difficult places. Fine cutters will cut any kind of wire. Electronically hardened cutting edges. Handles and jaws extremely increased in strength and toughness. Forged from diamalloy steel. Handles gun metal finish, with polished head. Individually inspected and tested.

T209-SN56 6" Long Nose Pliers. Sh. wt. 7 oz. $3.50



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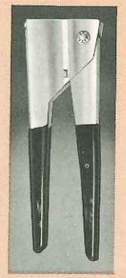

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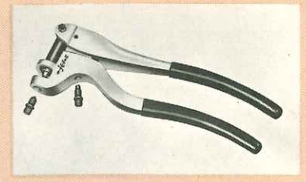

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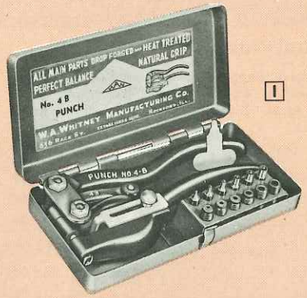

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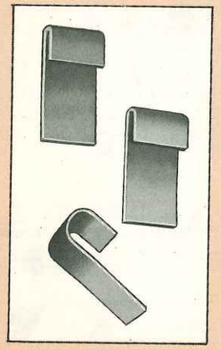

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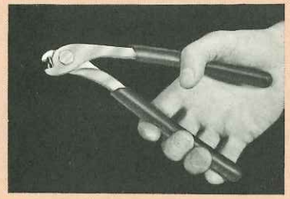

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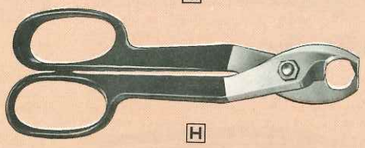

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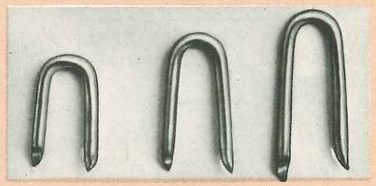

J

STORM GUARD NEST BOX NAILS A

The ideal nest box nail. Wood siding anchor nails. Ring shank design to prevent nails from working out. Heavily zinc-coated to prevent rust.

V213 7d. 2¼" (168 per lb.). Per 50 lbs. **$18.75**
V214 10d. 3" (103 per lb.). Per 50 lbs. **17.75**

ALUMINUM NAILS—Spiral Shank B

We offer three sizes of spiral shanked aluminum nails with neoprene washers. Spiral shanks prevent nails from working out. Neoprene washers prevent electrolytic action and seal openings.

V158 1¼" Long Nails, 375 nails per lb.
Per lb. (for ¾" lumber nail surface) ..... **$ 1.95**
Per 50-lb. carton **87.50**

V159 1½" Long Nails, 330 nails per lb.
Per lb. (for 1" lumber) **1.90**
Per 50-lb. carton **86.00**

V160 1¾" Long Nails. Per lb. **1.80**
Per 50-lb. carton (for over 1" lumber) **77.00**

ALUMINUM NAILS "Never-Pull-Out" C

"Never-pull-out" design aluminum roofing nail with attached neoprene washer. Needle point ends for easy penetration. Minimum deformation of aluminum sheeting. Embossed aluminum head. Much greater holding power than spiral shank nail. Sh. wt. 55 lbs. for 50 lbs. nails.

V918 1¼" long. Per 50 lbs. **$99.20**
Per lb. **2.10**

V919 1¾" long. Per 50 lbs. **$1.20**
Per lb. **1.92**

LOW COST POP RIVETER D

New lighter weight, low cost pop riveter. Ideal for occasional use around the mink ranch. Use standard pop rivets. Sh. wt. 1 lb. 5 oz.

V925 Pop Riveter, with 25 Rivets ..... **$ 4.95**
V168 Box of 1000 Rivets **14.20**

INDUSTRIAL ALUMINUM POP RIVETER E

This amazing tool developed by Alcoa makes it simple to rivet two aluminum sheets when you have access to only one side. Ideal for round roof shed construction. Fasten the edges of the sheets together securely from the inside. No need to climb on roof to fasten with bolts. Just drill small hole in aluminum. Slip handy rivet in the riveter, push into hole, and squeeze the handle. Hundreds of other riveting uses for it on a mink ranch. Will save you hundreds of dollars in labor. Wt., 1 lb.

V167 Pop Riveter **$17.95**
V168 Rivets for Pop Riveter, box of 1000 ..... **14.20**

NASCLIPS F

These galvanized or aluminum bands are becoming more popular each year. Ranchers report that it is quicker and easier to "ring" a pen with these bands than by using rings. One band clip will hold as tightly as several wire rings. Clips measure ¼" x ¾".

V226 22 ga. galv. steel. Per 100 lbs. **$44.95**
Per 50 lbs. **23.50**
Per 25 lbs. **12.25**
Per 1 lb. ..... **.70**
V923 .040 ga. Alum. Per 10 lbs. **$13.80**
Per 1 lb. **1.45**

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NASCLIP CLINCHING PLIERS G

Special clinching pliers for Nasclips. Convenient curved shape. Plastic-covered handles for comfortable grip in any kind of weather. Wt. 1 lb.

V227 ..... **$3.75**

NASCLIP REMOVER H

The answer to that troublesome problem of removing the band type Nasclip wire fasteners. Specially designed for fast, convenient use. Sh. wt. 9 oz.

V960 Nasclip Remover **$4.75**

WHITNEY PUNCH I

Easily pierces hole in 3/16" No-Naw plastic or will punch a ¼" hole through 1/16" iron. Complete tool as shown includes 7 punches and E dies, and die key in metal box. Furnished with 3/32", ⅛", 5/32", 3/16", 7/32", ¼" and 9/32" punches and dies. All parts made from drop forgings with wearing parts heat treated. Has no stampings to break or wear out. Length, 8½", depth of throat, 2". Wt. 3 lbs.

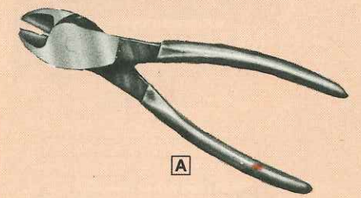
V270 Whitney Punch Set, complete **$12.00**

GALVANIZED NETTING STAPLES J

14-gauge netting staples of finest galvanized copper bearing steel. The ideal staple for use on wood frames. No splitting.

Illustrated in actual size.

V215 ¾" Staples. Per lb. ..... **$ .25**
¾" Staples. Per 50 lbs. **9.50**
V216 ⅞" Staples. Per lb. ..... **.25**
⅞" Staples. Per 50 lbs. **9.50**
V217 1" Staples. Per lb. ..... **.22**
1" Staples. Per 50 lbs. **9.00**



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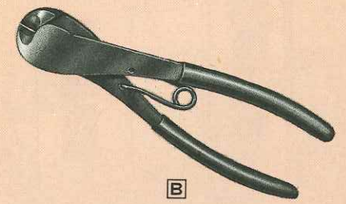

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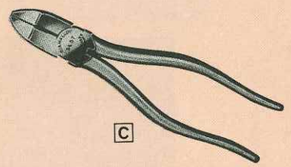

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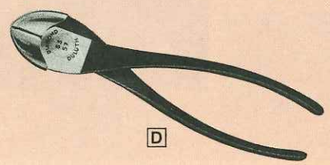

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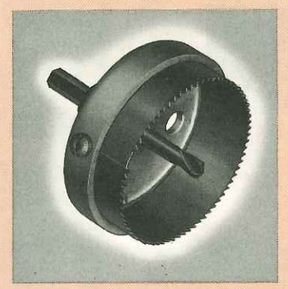

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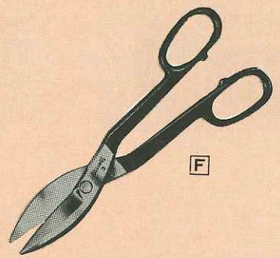

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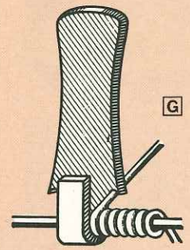

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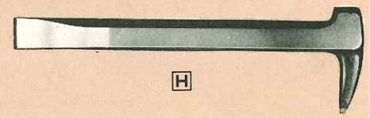


H

WIRE CUTTING PLIERS A

An excellent pliers for fencing, pen working, wire splicing, etc. It can be used year round. Special plastic handles act as protectors against the cold steel. This tool has unusual strength, with cutting edges electronically hardened for years of use. Wt., 1 lb.

V232-40-7 Cutting Pliers **$3.25**

HI-POWER WIRE CUTTING PLIERS B

Cuts heavy gauge wire like butter. Specially made for mink ranchers. Short heavy jaws provide increased leverage and much greater cutting power with less effort.

Specially formed diamalloy steel with electronically hardened cutting edges.

Comfortable, easy-to-see red plastic handle grips.

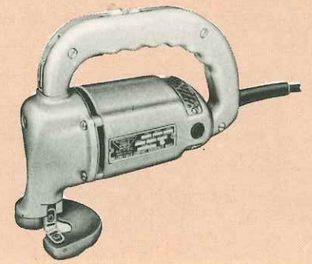
V233 Hi-Power Wire Cutting Pliers. Each **$4.95**

DIAMALLOY SIDE CUTTING PLIERS C

Especially designed for ranchers and others whose requirements are unusually hard and exacting. A fine general purpose tool for pen wiring. Electronically hardened cutting edges. Handles and jaws extremely increased in strength and toughness. Sturdy grip. Made of diamalloy tool steel. Each tool individually tested. Handles gun metal finish with polished head. Wt., 1 lb.

T211-SL57 7" Lineman's Pliers **$3.70**
T212-SL58 8" Lineman's Pliers **4.90**

MILLER FALLS
Heavy Duty PORTABLE ELECTRIC SHEAR



The most indispensable piece of equipment on a mink ranch. Ideal for cutting welded wire. Handles 14-gauge wire beautifully. Cuts sheet steel up to 16-gauge in thickness and even heavier aluminum. Ruggedly built for long, trouble-free performance. Blades are heat-treated alloy steel and ground precisely to critical angles. Adjustments for depth of cut and clearance according to material are easily made. With extra set of blades, 2 hex keys, 6-blade clearance gauge and 10 feet of rubber-covered wire cord with plug and ground connector. Wt. 8 lbs.

V211 Electric Shears. Regular price, $95.00 Nasco price **$88.50**
V212 Replacement Blades. Per set of 2 ..... **4.60**

DIAGONAL CUTTING PLIERS D

An extra sturdy cutting tool of unusual strength. Electronically hardened cutting edges, strong and sharp. Forged from tough diamalloy steel. Handles and jaws increased in strength and toughness. Will give long service on heavy duty jobs. Every tool individually tested and inspected. Handles gun metal finish with polished head. Sh. wt. 10 oz.

T210-SS57 7" Cutting Pliers **$3.30**

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NEST BOX HOLE SAWS E

A must on every ranch. Aids in building nest boxes. Attach to electric drill and cut perfectly round hole in nest box at desired height. Unit comes complete with saw and cup. Replacement saws available.

V266-64 4" Hole Saw, Cup and Mandrel ..... **$ 8.75**
V267-76 4¾" Hole Saw, Cup and Mandrel **10.70**
V268-64 Replacement 4" Hole Saw Blade only **3.40**
V269-76 Replacement 4¾" Hole Saw Blade only **4.00**

BILLINGS TIN SNIPS F

Straight pattern. Forged steel, black handles and polished heads. Length of cut 2½ inches. Length, 10". Wt., 1 lb.

T233-2½ Each **$3.10**

HANDY FENCE WIRE SPLICER G

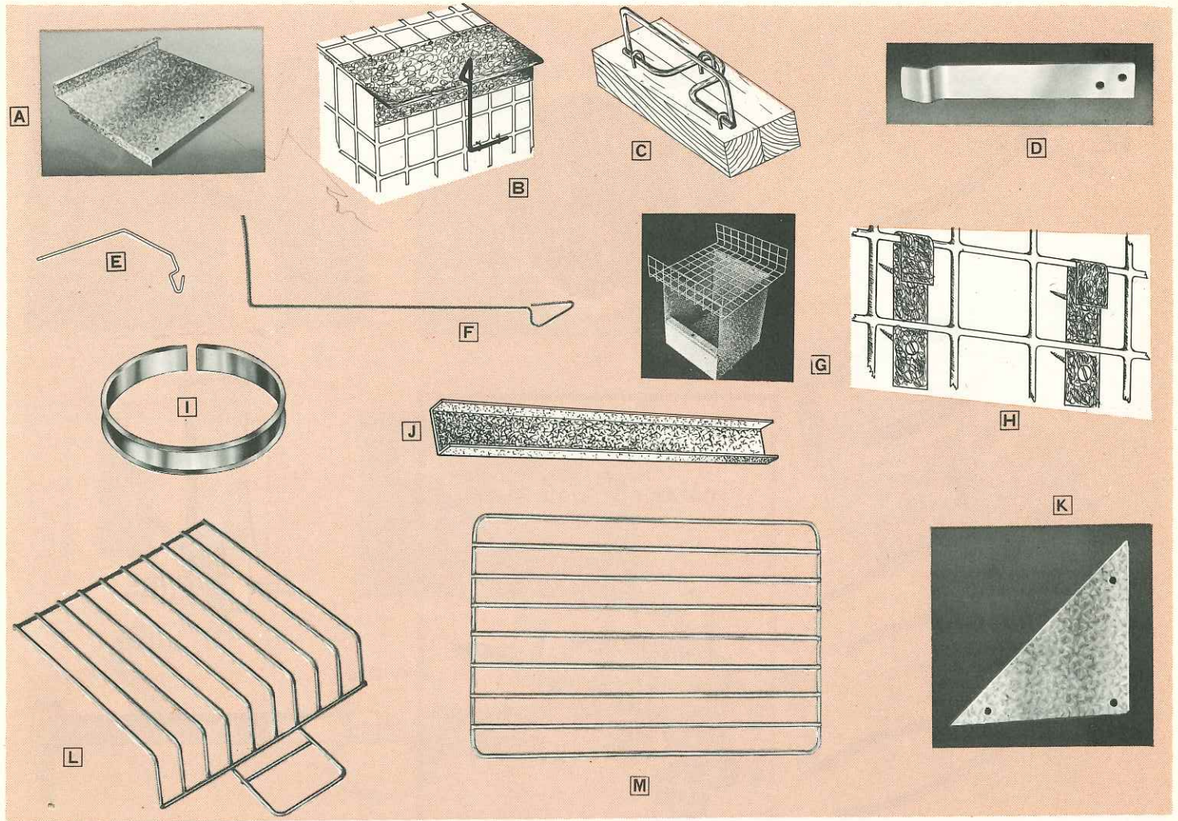
Here is a valuable tool for splicing fence and barbed wire. Use it also for fastening fence wire to concrete, steel or to small hardwood posts with short wires. About 5" long, 1" wide. Made of ⅛" steel. Sh. wt. 6 oz.

E104 Splicer, each ..... **$ .49**

HANDY FENCE TOOL H

Every farmer will want one of these combination staple puller and chisel fence tools. Exceptionally well made, fits in your overall pocket with ease. Sh. wt. 10 oz.

E464 Handy Fence Tool. Each ..... **$ .95**



CAGE DOOR [A]

26 gauge galvanized metal. For 6" x 8" opening.

V926 Cage Door. Sh. wt. 45 lb. per 100. ..... **$.11**
V237 Galv. Latch. Sh. wt. 1¾ lb. per 100. Ea. **.02**

CAGE DOOR EDGE [B]

Sturdy galvanized metal strip which fits over the end of the cage door. Extended end for easy opening. Standard sizes of 15" and 18". Other sizes available, price 1¢ per inch. Please state size desired. Order latch separately.

V275 Cage Door Edge, 15" length. Each ..... **$ .15**
V276 Cage Door Edge, 18" length. Each ..... **.18**
V277 Spring Steel Latch. Each ..... **.06**

PEN LATCH [C]

Here is a very popular pen latch that has found favor with ranchers throughout the country. Made of 6 gauge galvanized wire welded into one piece. Use ordinary staples to form hinge. Sold in lots of 100 latches.

V282 Pen Latch. Each ..... **$ .12**

STAINLESS STEEL COVER LATCH [D]

Easy-working positive nest box cover latch. Stainless steel. Avoids all rust problems.

¾" x 5¾" long. Two punched holes for rivets, nails or rings. 18-gauge stainless steel. Wt. 6 lbs. per 100.

V785 Stainless Steel Cover Latch. Each ..... **$ .10**

WIRE LATCH FOR DOOR FEEDER [E]

Spring wire galvanized latch for door feeder number V236.

V238 Spring Steel Wire Latch for Door Feeder ..... **$. 06**

NEST BOX OR PEN DOOR LATCH [F]

Large spring steel latch to securely hold pen door or nest box cover in place.

V272 Spring Steel Nest Box Latch. Each ..... **$ .06**

HANDY DROP IN NEST BOX [G]

Made of 26-gauge galvanized steel. Wire top and wood front not included. Boxes can be made any size on request.

V792 Next Box 6" x 9" x 11" high. Each ..... **$ .40**
V793 Nest Box 7½" x 8½" x 11" high. Ea. **.43**
V794 Nest Box 8" x 9" x 11" high. Each ..... **.45**
V795 Perforated Bottoms. 6" x 9". Each ..... **.08**
V796 Perforated Bottoms. 7½" x 8½". Each **.09**
V797 Perforated Bottoms. 8" x 9". Each ..... **.10**
V283 Channels for either size. (¾" width will be shipped unless other lumber size is specified) ..... **.04**

NEST BOX HANGERS [H]

Made of 20-gauge galvanized metal. ¾" x 3" long. Punched for nail holes. Just nail into nest box and hang on wire. Wt., 2 lbs. per 100 pieces.

V274 Nest Box Hangers. Each ..... **$ .01½**

ALUMINUM HOLE LINER [I]

Made to fit ¾" lumber. 3/16" rim fits flush on each side.

V273 Aluminum Nest Ring. Available for 4" or 4½" hole. Specify size. Wt. 6 lbs. per 100. Each ..... **$ .06**

GALVANIZED CHANNELS [J]

Galvanized channel metal to protect wooden nest boxes. Available in length up to 10" long. Specify length and whether for ¾" or 1" thick lumber.

V283 Channel. Per piece ..... **$ .04**

TRIANGLE HINGES [K]

24 ga. galvanized metal. 3 holes punched for ringing. 3" x 3". Sh. wt. 6 lb. 14 oz. per 100 pr.
V938 Triangle Hinges. Per pair ..... **$.04**

DOOR FEED GRID [L]

The best way yet to feed mink. Clean long feed grid that is also a pen door. Easy to clean. Grid bent down at 90° on one end so that scraper can be moved past end of pen without hitting cross wire obstruction.

This is the most sanitary and convenient feeding device we have yet encountered. The door feature is a bonus convenience.

To install, merely cut out wire and ring in back edge. Rings serve as hinge. Front edge is secured with set spring steel latch which locks to handle set out from pen so mink cannot push it open. If frequent opening is not required, front edge can be ringed shut and cut when entry is desired.

Made of heavy 10 gauge mill galvanized wire spaced ¾" apart for long life and rigidity.

V240 6" x 6½" Top Area. Each ..... **$ .25**
V241 7½" x 7½" Top Area. Each ..... **.28**
V242 Spring Steel Latch for Door Grid. Each **.07**

WIRE FEEDER GRID [M]

A feeder designed to eliminate the collection and build-up of left-over feed. During its many years on the market, this grid feeder has gained greatly in popularity.

Fits on top of cage. Merely place a day's supply of feed on the grid, the mink eats his meal from underneath, between the wire supports. Grid feeders are easy to clean. Any food left at the end of the day is easily removed with the specially designed scraper number V246.

Made of 11-gauge mill galvanized wire. To install, merely cut out 6" x 8" section of cage and ring to top of pen. Wt., 4 oz.

V234 Wire Feed Grids, 6" x 8". Each ..... **$ .20**
V235 Wire Feed Grids, 6" x 9". Each ..... **.21**

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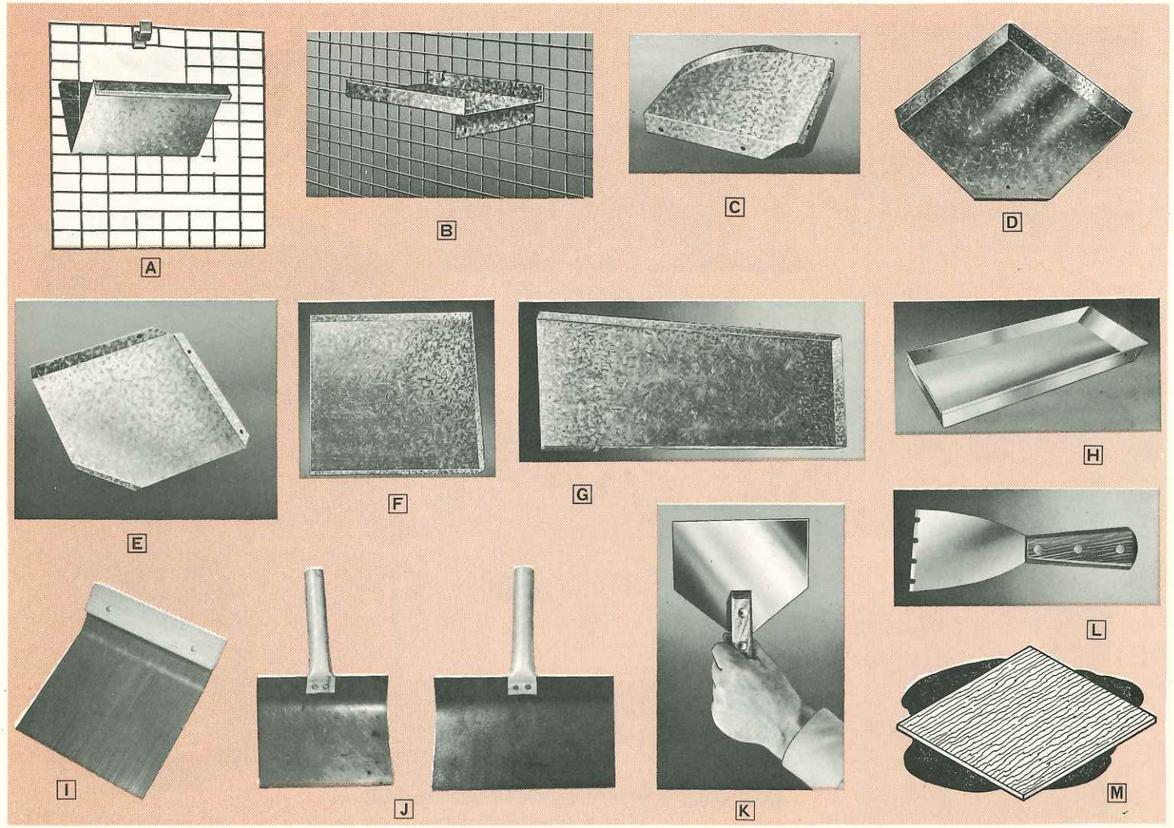

DOOR-TYPE FEEDERS [A]

For ranchers who prefer the door-type feeders, we offer this heavy duty 7" feeder. Extends 5" into the pen. Provides 5 x 7 feed area. Deep notches hold door securely. Order latch separately. Wt., 1 lb. each.

V236 Door-Type Feeder. Each ..... **$ .18**
V237 Galvanized Latch, shown above ..... **.02**

EASY CLEAN OUT CORNER BOARD [B]

24-gauge galvanized metal. Scrape waste out of opening 1" x 6". 5¾" x 7½" feed area. Has ¾" sides with ¼" fold. Ring to side and end. Specify right or left hand. Right hand rings to right side of pen and left hand to left.

V239 Easy Clean Out Corner Board ..... **$ .17**

CORNER FEED BOARDS [C]
24 Gauge Galv. Copper Alloy or 20 Gauge Aluminum

Rounded corner gives extra strength. ¾" sides.

V932 Galvanized. 9¼" x 7¾". Sh. wt. 71½ lbs. per 100. Each ..... **$ .14**
V933 Galvanized. 6¾" x 6¾". Sh. wt. 49½ lbs. per 100. Each ..... **.11**
V934 Galvanized. 5¼" x 5¼". Sh. wt. 22 lbs. per 100. Each ..... **.10**
V935 Aluminum. 9¼" x 7¾". Sh. wt. 28½ lbs. per 100. Each ..... **.23**
V936 Aluminum. 6¾" x 6¾". Sh. wt. 18¾ lbs. per 100. Each ..... **.19**
V937 Aluminum. 5¼" x 5¼". Sh. wt. 11 lbs. per 100. Each ..... **.14**

BREEDER PEN CORNER BOARD [D]

Galvanized 24-gauge metal breeder pen corner board. Measures 9⅛" x 9⅛" with 1⅞" high sides. Large size perfect for breeders and kit feeding. Holes for ringing. Wt., 1 lb.

V243 Breeder Pen Corner Board. Each ..... **$ .20**

CORNER FEED BOARDS [E]

Most popular of all mink feed boards. Standard design ¾" edge on two sides with corner cut out to permit feed juices to drain off, while at the same time preventing any waste through the wire. Ringing holes punched. 24 gauge galvanized metal.

V247 6¾" x 6¾" Corner Feed Boards. Wt., 42 lbs./100. Each ..... **$ .11**

V248 7¾" x 9¼" Corner Feed Boards. Wt., 62 lbs./100. Each ..... **.14**

FEED PAN [F]

26 gauge galvanized metal, 10" x 10" feed area. ¾" sides with fold. Clips to bottom of pen with metal fasteners which are included. Wt., 90 lbs. per 100.

V244 Feed Pan ..... **$ .20**

FEED TRAY [G]

Galvanized 24 gauge metal. 6" x 16" feed area. 1" sides with fold. Clips to bottom of pen with metal clips furnished.

V245 Feed Tray ..... **$ .25**

BREEDER FEED TRAY [H]
Galvanized or Aluminum

15½" x 7" feed area. 1¼" sides with fold. Clips to bottom with clips furnished. Can also be hung to side. The ideal tray for kit feeding. One end slopes forward.

V249 24 gauge galvanized copper alloy. Wt. 130 lbs. per 100. Each ..... **$ .32**
V962 22 gauge aluminum. Wt. 56 lbs. per 100. Each ..... **.44**

SPRING STEEL FEED BOARD SCRAPER [I]

The ideal feed board cleaning tool. 6" wide spring steel blade 6" long permits you to apply pressure to vary the angle of the scraping edge. Comfortable, convenient wood handle. Wt., 8 oz.

V254 Spring Steel Feed Board Scraper **$1.25**

FEED BOARD SCRAPER [J]

Quality scraper made of heavy spring steel with aluminum handle. Sturdy, long lasting and economical. With 5" handle.

V262 Feed Board Scraper. 6" x 5". **$1.00**
V263 Feed Board Scraper. 8" x 5". **1.25**

FEED BOARD SCRAPER [K]

Spring temper stainless steel. Will not rust or corrode. Hardwood, riveted handle. Available in three sizes.

V942 5" Scraper. Sh. wt. 27½ lbs. per 100. Each **$1.00**
V943 6" Scraper. Sh. wt. 34½ lbs. per 100. Each **1.10**
V944 7" Scraper. Sh. wt. 41½ lbs. per 100. Each **1.20**

WIRE GRID SCRAPER [L]

Specially designed for wire grid feeder. (Note the indentations in the blade.) With long lasting steel blade and hardwood handles. Wt. 4 oz.

V246 Wire Feed Grid Scraper **$1.25**

NO-NAW PLASTIC FEED BOARDS [M]

NO-NAW plastic feed boards are completely non-corrosive and impervious to water. Thousands in use throughout the country. Easily punched for ringing. Withstands all feed acids. 3/16" thick.

V250 12" x 12". Wt. 2 lbs. ..... **$ .44**
V251 9" x 9". Wt. 18 oz. ..... **.30**
V252 8" x 8". Wt. 14 oz. ..... **.23**
V253 6" x 7". Wt. 9 oz. ..... **.20**

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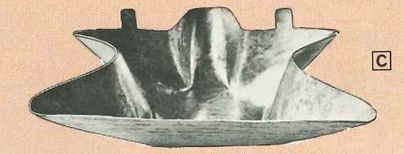

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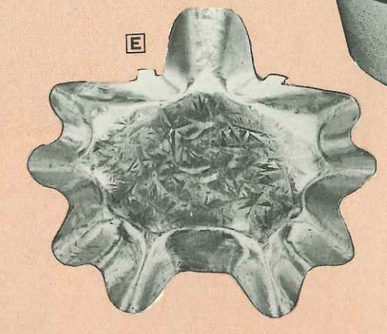

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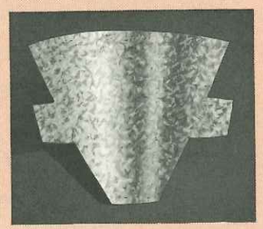

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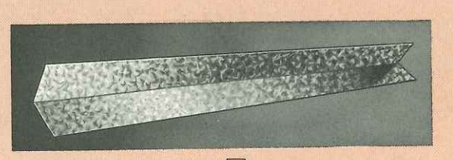

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I

WATER CUP A
Galvanized Copper Alloy or 18 ga. Aluminum

A 10 oz. easy-to-clean, compact cup. Made to last a lifetime. Fits any size wire. Sh. wt. 15 lbs. per 100.

V940 Galvanized Water Cup. Each ..... $ .15
V941 Aluminum Water Cup. Each ..... .22

HAY ALUMINUM CUPS B

Nasco is pleased to offer the famous Hay Aluminum Cups with patented bracket permitting instant removal and replacement.

Made of heavy 18-gauge aluminum with smooth sides and bottom for easy cleaning. Has been used on thousands of ranches throughout the country with great success. Drinking spout on inside of pen is 1⅞" wide on larger cup, 1⅛" wide on smaller cup.

Offered in 2 sizes. Large size holds approximately 1 pint. Smaller furring pen cup holds 7 oz.

V787 1-pint size complete with bracket. Wt. 40 lbs. per 100. Each ..... $ .40
V1005 Bracket only for V787 cup ..... $ .08
V788 7-oz. size complete with bracket. Wt. 14 lbs. per 100. Each ..... .30
V1006 Bracket only for V788 cup ..... .08

FLUTED CUP C

A more convenient design. Less corrugations to clean. Does not protrude out from the pen as far as standard corrugated cup. Simple to attach or remove. 12-oz. capacity.

Heavy galvanized long-lasting material. Also available in aluminum. Wt., 28 lbs. per 100 cups.

V296 Fluted Cup, Galvanized. Each ..... $ .12
V297 Fluted Cup, Aluminum. Each ..... .15

WAGNER CUPS D

The Wagner galvanized cups with 16-oz. and 12-oz. capacities. Smooth, no hard-to-clean indentations or wrinkles. Ranchers who have seen and tried these cups are very enthusiastic about them. Stamped from heavy-gauge galvanized metal. Fits all size mesh wire. Complete with galvanized anchor strip. Also available in aluminum. Wt., 25 lbs. per 100 cups.

V255 Wagner Cup, 16 oz. Galvanized ..... $ .22
V256 Wagner Cup, 12 oz. Galvanized ..... .16
V257 Wagner Cup, 12 oz. Aluminum ..... .20
V258 Wagner Cup, 16 oz. Aluminum ..... .28

HEAVY-DUTY GALVANIZED WATER CUPS E

You can depend on these heavy-duty watering cups to give you years and years of service. Made of heavy-gauge thickly galvanized metal. Universally accepted and widely used throughout the country. Will fit any style wire or pen. Cups available in three sizes. Equipped with galvanized strip to anchor cup to pen to prevent tipping.

V259 18-oz. Mink Cup. Wt. 40 lbs. per 100. Each ..... $ .15
V260 11-oz. Mink Cup. Wt. 28 lbs. per 100. Each ..... .11
V261 7-oz. Mink Cup. Wt. 20 lbs. per 100. Each ..... .07

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GLAZED MINK WATERER F

Nasco offers this easy to clean glazed mink waterer in the popular 7½" size, just right for your pens. Place your order for several hundred of these waterers today. Ranchers tell us they make ideal feeder dishes also. Wt. 3 lbs.

V264 Glazed Mink Waterers. Each ..... $ .50

CUP GUARDS G

Keep the litter out of your cups. Keep them clean and sanitary. Made of 26 gauge galvanized metal. Sh. wt. 10 lbs. per 100.

V928 Cup Guards. Each ..... $ .05

WATER TROUGH H

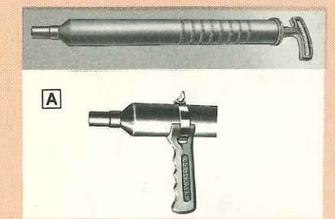
Made of 24 gauge galvanized copper alloy metal, in 6 ft. sections. Sh. wt. 2 lb. 6 oz.

V927 Water Trough. Each ..... $ .08

CUP CLEAN (For Aluminum Cups) I

The illustration on the 1-gallon jug of Cup Clean above shows its terrific solvent power. Grime, leaves, disease and germ traps are wiped out at a fraction of the replacement cost. Place any aluminum, copper or stainless steel cups in an earthen crock and cover them with Cup Clean, let them soak a sufficient length of time for the deposits to be loosened and then rinse. Old cups are as good as new. Cup Clean is harmless to hands and may be reused several times. Not recommended for galvanized cups. Wt. per case, 50 lbs.

V265 Cup Clean. Case of 4 1-gal. jugs $12.70



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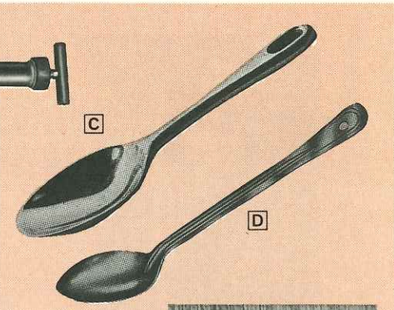

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FEED CLOCK

Set the clock on each female pen and save feed. You will know how much feed each female needs without disturbing the kits at feeding time. Holes punched in corners for ringing. Made of heavy gauge aluminum with easily read black numbers. Marked quarters and halves. 4" square. Sh. wt. 7 lb. per 100.

V945 Feed Clock. Each ..... $ .10

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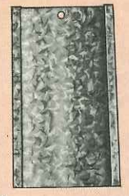

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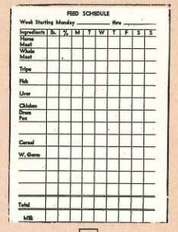

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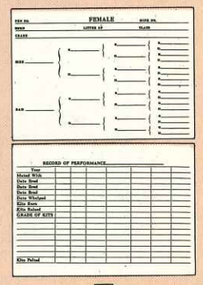

L

HAY FEED GUN A

No more rusted barrels or tainted feed with this gun of heavy, non-corrosive, seamless aluminum. Locking cap . . . just one quick twist of the wrist . . . no threads to wear out. Feed capacity, approximately 2 lbs. Overall length, 21½". Diameter of bore, 1⅞". Handle attachment of one piece cast aluminum available for added convenience.

V910 Hays Feed Gun. Sh. wt. 2 lbs. $12.50
V911 Handle attachment. Sh. wt. 1 lb. 2.50

WOODS FEED GUN B

If you want a mink feeding gun that will last for years and years, and give you dependable service every day of the year, then this is the gun for you. All steel construction, and hand made to assure you of a perfect fit in the cylinder. Holds 2 lbs. of food. Overall length 25", barrel 1¾" diameter, spout ⅞". Special knurled screw cap is equipped with brass bearing for perfect alignment of washers in the tube. Popular "T" handle all the ranchers like for fast, easy feeding. Order several of these quality feed guns today, and be all set for the coming year. Wt., 2½ lbs.

V284 Heavy-Duty Feed Gun. Each $8.95

WOODS CADMIUM PLATED FEED GUN

Same as feed gun shown above, except cadmium-plated to give you rust-free service for the life of the gun.

V285 Cadmium-Plated Feed Gun. Each $10.95

REPLACEMENT WASHERS FOR WOODS FEED GUN

V286 Leather Washers. Wt., 1 oz. Each ..... $ .25

ALUMINUM FEEDING SPOON C

Developed by a mink rancher for mink ranchers. Large 4¼" x 3¼" bowl. Polished aluminum. Overall length, 10½". Wt., 6 oz.

V290 Feeding Spoon. 6" handle $2.95
V295 Feeding Spoon. 9" handle 3.75

MINK FEEDING SPOON D

For those who prefer to feed their mink with a large spoon instead of a gun, we offer a spoon 15" long. Stainless steel with satin finish. Wt., 8 oz.

W3266 Large Solid Stainless Spoon $1.40

MINK FEEDING DIPPERS E

Large capacity feed dippers with redesigned shorter handles. Cadmium plated for rust-proof protection. Wooden handle securely fastened with copper rivets. Dimensions shown are approximate. Sh. wt. about 2 lbs.

V287 4½" diam. bowl, 11½" handle $2.50
V288 4¾" diam. bowl, 14¼" handle 2.50
V289 6¼" diam. bowl, 16" handle 3.00

METAL PEN MARKERS F

Number your mink pens for simple identification and reference. Tags are 1½" in diameter with 1" lithographed black numerals. Available in white, red or yellow backgrounds. Numbers run from 1 to 1,000 in lots of 100. No series broken. Punched hole in top for easy fastening to pens. Be sure to specify numbers wanted, 1 to 100, 101 to 200, etc. Dip in shellac to insure long life.

C1-36 White Tags. Per 100 ..... $ 3.00
Per 500 ..... $ 9.00; Per 1,000 ..... 15.00
C2-136C Red Tags. Per 100 ..... 4.00
Per 500 ..... $11.00; Per 1,000 ..... 17.00
C2A-136 Yellow Tags. Per 100 ..... 4.00
Per 500 ..... $11.00; Per 1,000 ..... 17.00

METAL PEN MARKERS G

Easy-to-read numbers embossed on galvanized metal. Numbers from 1 to 1000 in series of 100 (1-100, 101-200, etc.). No series will be broken. 3¼" x 7¼". Holes punched for ringing. Be sure to specify numbers required. Sh. wt. 2¾ lb. per 100.

V950 Metal Pen Markers. Per 100 ..... $3.75

5% Cash Discount All Items This Page

NUMBERED CARD HOLDERS H

Numbers embossed on galvanized metal. Easy to read. Numbered from 1 to 1000 in series of 100 (1-100, 101-200, etc.). No series will be broken. Hole punched for ringing. 6-15/16" x 3⅛". Holds 3 x 5 card. Sh. wt. 13¾ lb. per 100.

V939 Numbered Card Holders. Per 100 ..... $7.75

METAL CARD HOLDERS I

V692 Galvanized Metal Card Holders. Fit V689, V690, V691 cards. Each ..... $ .05
V693 3" x 5" Metal Card Holders. Each ..... .04

FEED SCHEDULE J

This handy card will help you plan and stick to a definite ration for your herd each week. Most ranchers change the dial according to the needs of the mink and the season of the year. The 4" x 5" card has columns for percentage of horsemeat, whale meat, tripe, fish, liver, chicken, etc., and also cereal, wheat germ and spaces for other ingredients. One card lasts a week. Makes handy reference for employees who mix feed for you.

V689 Feed Schedule Cards. Per 100 cards ..... $ .65

CASUALTY REPORT K

Make out a casualty report on each mink that dies during the year. Information noted on this card may be used to prevent further losses. Contains 30 questions which help you determine reason for death. Printed on heavy grade paper. 6-1/16" x 4⅛".

V690 Casualty Reports. Per 100 cards ..... $ .65

BREEDING RECORDS L

These easy-to-fill-in cards record all the necessary information for keeping accurate breeding records on your mink. Separate cards for male and female. Printed on heavy-weight paper. 4½ x 6¼. State sex desired.

V691 Breeding Records. Per 100 cards $1.25

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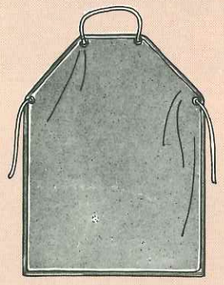

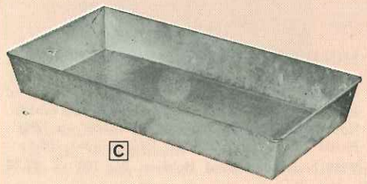

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SPLIT LEG NEOPRENE APRON A

If you prefer a split leg apron for ease of walking and protection around the legs. Semi-clear neoprene, heavy weight apron with metal grommets, double seams, straps. 28" x 42". Sh wt. 1 lb.

A98 Split Leg Apron **$2.59**

U.S. RUBBER'S FINEST APRON B

This is the finest apron that money can buy for use on a mink ranch. For feeding, fleshing or any other purpose where protection from fats and greases is desired.

Heavy-duty apron made from specially compounded metallic Buna-N oil-resistant coated fabric. Will outlast any three ordinary aprons you have ever had in use on your ranch.

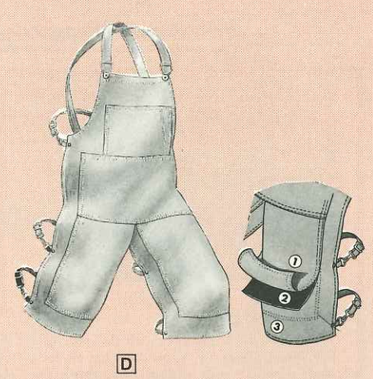
All edges hemmed with cement. Fully vulcanized. Size 33" x 45". Wt., 1½ lbs. Reinforced grommets. Cord included. Metallic grey color.

V293-RA272 Acid-Oil Apron **$3.50**

FREEZER PAN C

You will want several of these heavy duty galvanized metal freezer pans for storing mink feed in your freezer. Large size 28" long x 14" x 3¾" deep. Sturdily made from heavy galvanized metal with riveted corners and extra heavy wire beading to withstand heavy use. Wt., 5½ lbs.

V292 Freezer Pan. Each **$3.50**



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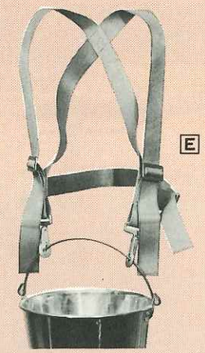

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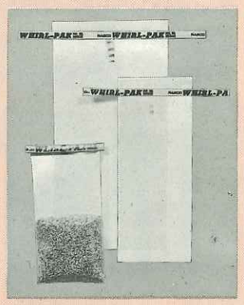
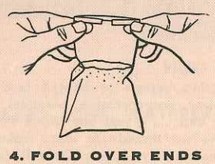
1. TEAR ALONG PERFORATION.

2. PULL SIDE TABS TO OPEN BAG; FILL WITH SAMPLE.

3. STRETCH TAPE ENDS AND WHIRL BAG CLOSED.





4. FOLD OVER ENDS TO SECURE CLOSURE; LABEL CONTENTS.

WHIRL-PAK
Feed Sample and Specimen Bag

A sterile, liquid tight, tough container designed for the dairy and medical industries as a sampling container.

Indispensable on a mink ranch where feed samples and animal specimens are constantly being picked up for testing at the ranch or for submission to a laboratory.

Has its own liquid tight closure attached right to the bag. Top firmly framed for easy insertion of sample. Pull shut—whirl it and it's perfectly sealed. Can be opened and closed repeatedly.

The handiest—most convenient container you ever had around—has hundreds of uses.

B679 Whirl-Pak 6 oz. bags 3" x 7". Package of 100 ..... **$ 3.50**
Package of 500. Sh. wt. 3½ lbs. **15.00**

B736 Whirl-Pak 18 oz. bags 4½" x 9". Package of 100 ..... **4.50**
Package of 500. Sh. wt. 6 lbs. **20.00**

SPLIT LEG APRON D

The best for handling frozen meat and similar products. Really gives protection but still affords maximum freedom of movement.

Water repellent double canvas construction with waterproof rubberized liner. Double sewed and riveted split leg design. Size 28" x 36". Sh. wt. 1 lb. 6 oz.

B680-SLA Apron **$4.50**

NYLON WEB FEED HARNESS E

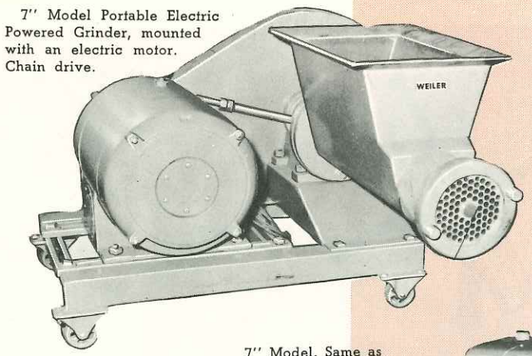
Nylon webbing feed harness distributes the weight of a full pail of feed evenly for added comfort. Webbing is full 1¾" wide and sewn with nylon thread for long service. Adjustable. Heavy duty cadmium plated snaps attach to handle of pail to hold it securely in place. Wt., 2 lbs.

V291 Nylon Web Feed Harness **$5.95**

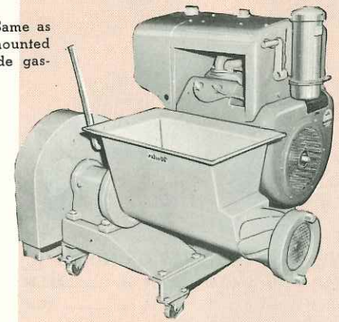
WEILER FEED GRINDERS

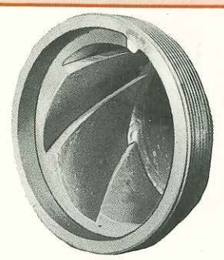
Made of only the very finest materials and features all steel construction that cuts down on unnecessary weight. The performance and reliability of the Weiler grinder is unmatched. Utilizes roller chain drive system that eliminates power wasting slippage.

7" Model Portable Electric Powered Grinder, mounted with an electric motor. Chain drive.



7" Model. Same as above, but mounted with a left side gasoline engine.





Flutes in barrels of grinders are steel, edged with high grade tool steel to remain sharp many times longer than most ordinary flutes.

5" GRINDER

Ideal for the small rancher. Size of hopper at top, 18" x 15¼". Height of hopper, 15½". Handles 50 to 75 lbs. of meat per minute. Requires 5 H.P. electric motor. Specify plate hole size desired.

Z1630 5" Weiler Grinder only with 1 plate and 2 knives. Wt., 88 lbs. **$335.00**

Z1631 5" Weiler Grinder mounted on standard frame with wheels, chain drive and guard (less motor). Wt., 170 lbs. **495.00**

6" GRINDER

Exceptional performance at low cost. Handles 75 to 90 lbs. of meat per minute. Size of hopper at top, 19¾" x 15¼". Height of hopper, 16¾". Requires 5 to 7½ H.P. electric motor. Specify plate hole size.

Z1632 6" Weiler Grinder only with 1 plate and 2 knives. Wt., 100 lbs. **$415.00**

Z1633 6" Weiler Grinder mounted on standard low frame with wheels, chain drive and guard (less motor). Wt., 182 lbs. **595.00**

Z1634 6" Weiler Grinder on standard frame with 15 H.P. air-cooled Wisconsin gasoline engine. With starter, generator, battery bracket and cables. Wt., 545 lbs. **1115.00**

7" GRINDER

Designed for the medium-sized ranch. Unmatched performance. Handles 90 to 110 lbs. of meat per minute. Requires 15 H.P. electric motor. Size of hopper at top, 24" x 16". Height of hopper, 17".

Z1636 7" Weiler Grinder only with 1 plate and 2 knives. Wt., 175 lbs. ..... **$ 515.00**

Z1637 7" Weiler Grinder mounted on low frame with wheels, chain drive and guard, less motor. Wt., 265 lbs. **715.00**

Z1638 7" Weiler Grinder on frame complete with 30 H.P. Wisconsin engine. With starter, generator, battery bracket and cables. (No battery.) Wt., 755 lbs. **1385.00**

8⅝" GRINDER

The finest unit of this size made. Greatest capacity with lowest power consumption. Handles 110 to 150 lbs. of meat per minute. Requires 25 H.P. electric motor. Size of hopper at top, 24" x 19". Height of hopper, 21".

Z1640 8⅝" Weiler Grinder only with 1 plate and 2 knives. Wt., 230 lbs. ..... **$ 750.00**

Z1641 8⅝" Weiler Grinder mounted on standard frame with chain drive and guard. Wt., 380 lbs. **1105.00**

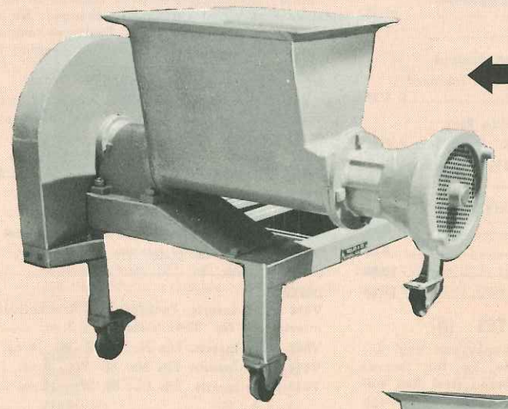
Z1642 8⅝" Weiler Grinder on standard frame complete with 36 H.P. Wisconsin engine. With starter, generator, battery bracket and cables. (No battery.) Wt., 1050 lbs. **1935.00**

11" GRINDER

Unparalleled performance and durability. For the very large ranch or ready-mix plant. Handles 125 to 200 lbs. of meat per minute. Requires 30 H.P. electric motor.

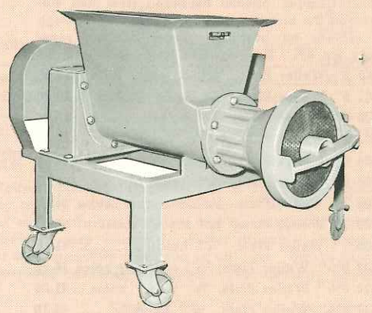
Z1644 11" Weiler Grinder only with 1 plate and 2 knives. Wt., 280 lbs. ..... **$ 910.00**

Z1645 11" Weiler Grinder on frame complete with drive and guard for electric motor. Wt., 475 lbs. **1355.00**



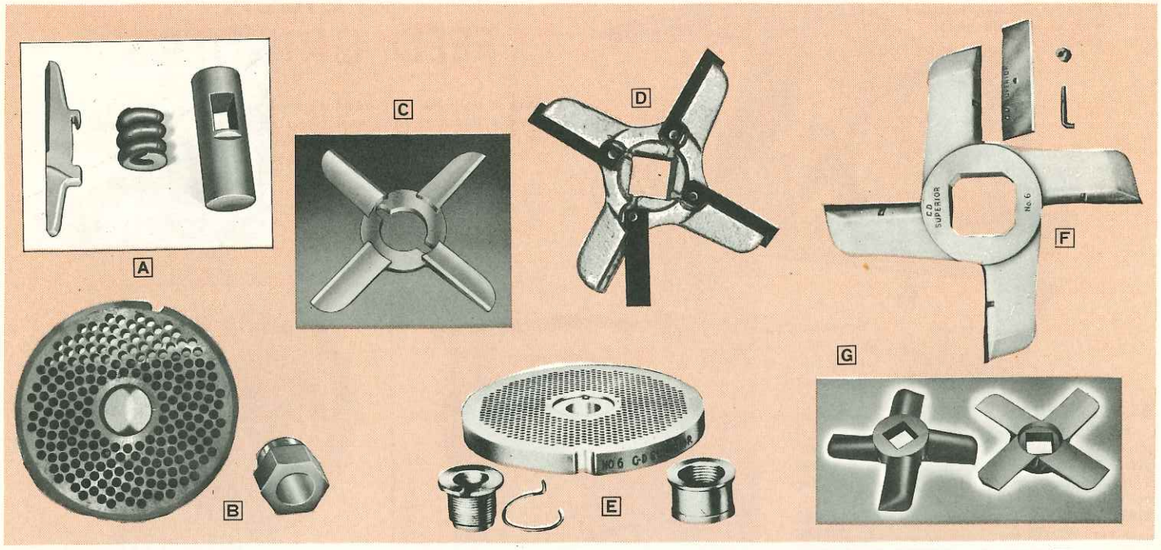
8⅝" Model. Heavier construction. Handles 110 to 150 lbs. of meat per minute. Chain drive prevents slippage.

16" Model, heavy-duty durability. Grinds food up to 1200 lbs. per minute. Labor cost of few cents per ton.



16" GRINDER
World's largest grinder. Handles 300 to 1200 lbs. per minute. Requires 50 to 70 H.P. electric motor. Write for prices.

IMPORTANT!! When ordering, be sure to specify:
1. **Side the motor is to be mounted (when facing plate end).**
2. **Motor specifications (if your motor is to be used):**
   R.P.M., Horse Power, motor shaft diameter, distance from bottom of motor base to center of shaft.
3. **Height from floor to bottom of grinder outlet, if other than standard low frame is desired.**



WEILER GRINDER KNIVES, PINS AND SPRINGS A

Weiler Grinder Knives

V613	Knife for 5" Grinder	$ 7.00
V614	Knife for 6" Grinder	8.00
V615	Knife for 7" Grinder	9.00
V616	Knife for 8⅜" Grinder. Specify Std. or HD	10.00
V617	Knife for 11" Grinder	14.00

Weiler Knife Tension Springs

V618	Springs to fit 5", 6", 7" and Standard 8⅜" Grinders	$ 2.25

Weiler Knife Holding Pins

V619	Pins to fit 5", 6", and 7" Grinders	$ 7.50
V620	Pins to fit Standard 8⅜" Grinders (1¼" dia.)	8.50

Weiler Plate-Retaining Rings

V621	Rings for 5" Grinder	$ 8.00
V622	Rings for 6" Grinder	9.00
V623	Rings for 7" Grinder	10.00
V624	Rings for 8⅜" Grinder	11.50

WEILER GRINDER PLATES B

The finest grinder plates money can buy. Engineered and precision-made for the famous Weiler Grinder. Special hardened steel that will give you the ultimate in service. Sizes 5" through 7" require no bushing. Order bushing separately for 8⅜" size. Specify hole size.

V600	5" Weiler Plate, ⅜" or larger holes	$12.60
V601	5" Weiler Plate, ⅜" to ½" holes	14.00
V602	5" Weiler Plate, ¼" holes	15.40
V603	6" Weiler Plate, ⅜" or larger holes	18.00
V604	6" Weiler Plate, ⅜" to ½" holes	20.00
V605	6" Weiler Plate, ¼" holes	22.00
V606	7" Weiler Plate, ⅜" or larger holes	26.10
V607	7" Weiler Plate, ⅜" to ½" holes	29.00
V608	7" Weiler Plate, ¼" holes	31.90
V609	8⅜" Weiler Plate, ⅜" or larger holes	36.90
V610	8⅜" Weiler Plate, ⅜" to ½" holes	41.00
V611	8⅜" Weiler Plate, ¼" holes	45.10

Plates for 11 and 16-inch Weiler Grinders also available on request.

Weiler Grinder Plate Bushings

Removable type, threaded bushings for either 8⅜" or 11" plates.

V612	1½" bore	$7.00
V916	1¼" bore	7.00

KNIVES FOR HERCULES GRINDERS C

V947	For Model 500. Sh. wt. 14 oz.	$12.50
V948	For Model 600. Sh. wt. 14 oz.	12.50

HEAVY DUTY CHOPIE FLEXIBLE KNIVES AND INSERTS D

Knives are razor sharp, and self-sharpening. Sanitary conditions improved because of hinged blade inserts that are quickly changed. No bolts or set screws to bother with. Exclusive tempering process places all wear on inserts, keeping them constantly honed. Available for 3-15/16", 5⅛", 6" and 8⅜" diameter blades.

Be sure to give make and model of grinder when ordering. Inserts come 4 individual pieces per pkg.

V642	Fits No. 32-41 plate. Wt., ½ lb. (3-15/16" plate)	$4.75
V643	Fits No. 51-52 plate. Wt., 12 oz. (5⅛" plate)	7.50
V644	Fits No. 56 plate. Wt., 1 lb. (6" plate)	7.95
V645	Fits No. 66 plate. Wt., 3 lbs. (8⅜" plate)	9.80

INSERTS

V646	Extra Inserts. Package of 4 individual inserts. Fits No. 32-41 plate. Wt., 3 oz.	.50
V647	Extra Inserts. Fits No. 51-52. Wt., 4 oz.	1.35
V648	Extra Inserts. Fits No. 56. Wt., 8 oz.	1.50
V649	Extra Inserts. Fits No. 66. Wt., 12 oz.	1.75

SPECO C.D. SUPERIOR PLATES E With Removable Bushings

You can get twice the normal wear from this fine Speco plate by simply reversing the plate and using the other side. Plate has removable bushing that can be replaced to assure a snug bearing surface and a longer life. Plates are accurately drilled and treated to assure a longer grinding life. Be sure to state make of grinder and size of blades when ordering.

V625	Speco No. 6 Superior Plate for 8⅜" (66) grinders. ¼" holes and larger. Wt., 9½ lbs.	$50.00
V626	Speco No. 5 Superior Plate for 7¾" grinders. 3/16" holes and larger. Wt., 7 lbs.	60.00
V627	Speco No. 4½ Superior Plate for No. 56 grinders with 6" plate. 3/16" holes and larger. Wt., 5 lbs.	20.00
V628	Speco No. 4 Superior Plate for 51-52 grinders with 5⅛" plate. 3/16" holes and larger. Wt., 3 lbs.	14.80
V629	Speco No. 3 Superior Plate for No. 32-41 grinders with 3-15/16" plate. 3/16" holes and larger. Wt., 1¾ lbs.	4.50

SPECO SUPERIOR KNIFE F

Most popular knife on the market. Available for all makes, sizes and styles of plates. Strong. Durable. Practically ever-lasting. Always retains same thickness, thus avoiding plate troubles. Blades held in a slot and can be changed in a minute. Blades made of alloy steel, precision ground to hold their edge and give a very clean cut. Nos. 5 and 6 also available in 3-arm style.

V630	Speco Superior Knife Holder with 1 set of blades inserted for No. 66 grinder. Wt., 3½ lbs.	$7.00
V631	Separate Blades. Set of 4. Wt., ½ lb.	1.10
V632	Speco Superior Knife Holder with 1 set of blades inserted for No. 62 grinder. Wt., 3 lbs.	7.00
V633	Separate Blades. Set of 4. Wt., 1 lb.	1.00
V634	Speco Superior Knife Holder with 1 set of blades inserted for No. 56 grinder. Wt., 1½ lbs.	6.00
V635	Separate Blades. Set of 4	.80
V636	Speco Superior Knife Holder with 1 set of blades inserted for No. 51-52 grinder. Wt., 1 lb.	5.50
V637	Separate Blades. Set of 4	.75
V638	Speco Superior Knife Holder with 1 set of blades inserted for No. 32-41 grinder. Wt., 8 oz.	4.00
V639	Separate Blades. Set of 4. Wt., 3 oz.	.35
V640	Lock Screws for Nos. 32 through 56 grinder knives. Per doz., wt. 4 oz.	1.00
V641	Hooks and Nuts for Nos. 62 and 66 grinder knives. Per doz., wt. 4 oz.	1.00

3-Blade Knives Available at Same Price.

SPECO SOLID FRAME KNIFE G

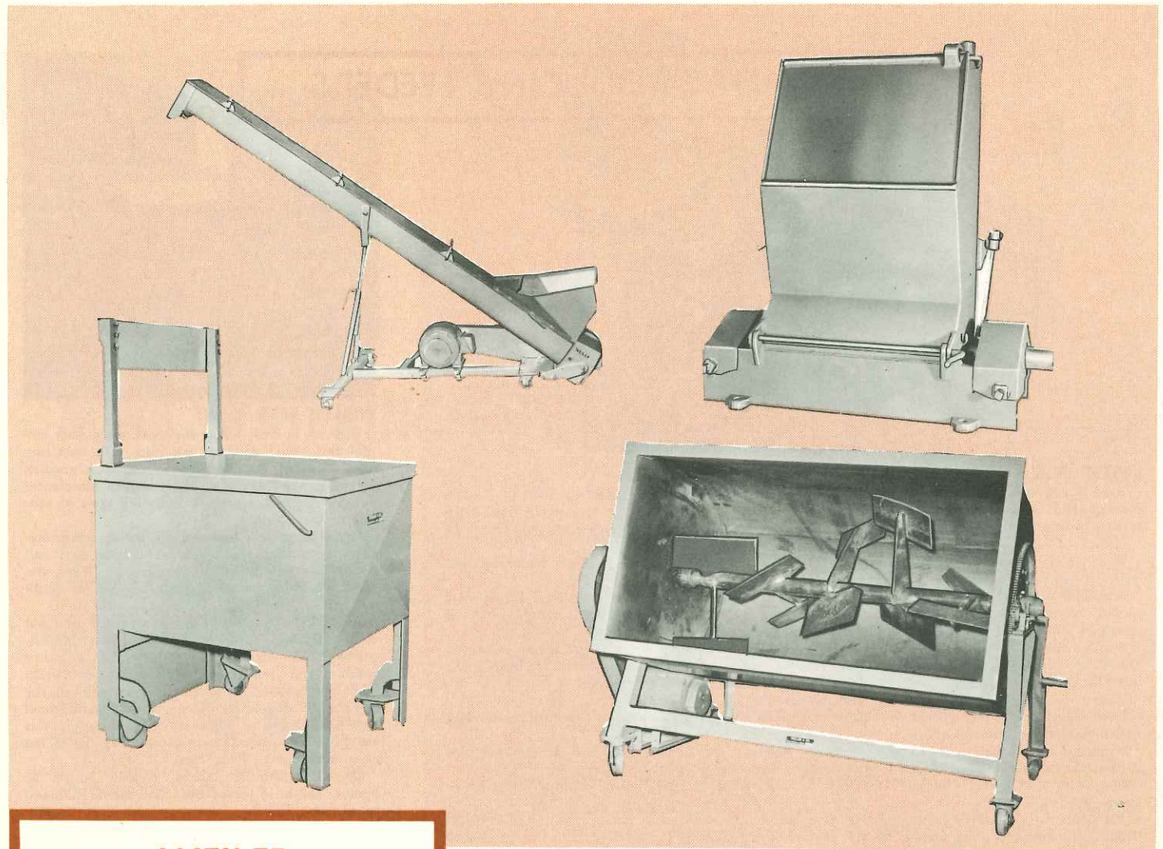
For those who prefer a solid frame knife, we offer the Speco Solid Drop Forged Knives. One-piece construction. Blades are not removable.

V650	Solid Knife for No. 66 Grinder. Wt., 3 lbs.	$15.00
V651	Solid Knife for No. 56 Grinder. Wt., 3 lbs.	9.00
V652	Solid Knife for No. 52 Grinder. Wt., 1½ lbs.	7.00
V653	Solid Knife for No. 32-41 Grinder. Wt., 1 lb.	1.05

NASCO PLATE SHARPENING SERVICE

5" & 6" Plates	$3.00
7" Plates	3.50
8⅜" Plates	4.00

Be sure to attach your name and address to your plate when you send it to us.



WEILER FEED ROOM EQUIPMENT

WEILER SCREW-TYPE CONVEYOR

Handle your mink feed the easy way with a Weiler conveyor, and save time and back breaking labor. Will handle hogged or ground food anywhere you choose—from hogger to grinder, from grinder to mixer, and from mixer to feed wagon or truck. Portable or stationary models with adjustable height feature. Simple to clean. Comes with motor mount. Motor extra. Requires 1 to 3 H.P. motor.

Z1646	10-ft. Conveyor, 6" auger	$350.00
Z1647	8-ft. Conveyor, 6" auger	335.00

Add or subtract $8.50 per foot for longer or shorter than standard conveyors. Add $15.00 for special sizes. 9" augers available.

WEILER SLICER

This is probably the most powerful ranch slicer on the market. It easily cuts frozen blocks to two feet wide and 13 inches thick, also any soft materials or bones. Hydraulic system and motor fully enclosed in splash proof cabinet which is easily opened for servicing. Knife will not move unless control handle is held—stops instantly upon release of handle. Knife is specially heat treated—will not bend when cutting bones or other hard materials.

Z1653	Weiler Slicer, with drive for motor, without motor	$465.00
Z1654	Same as above with casters	495.00

WEILER HOGGER

Large diameter rotor revolves at slow speed to increase life of machine. Double edge blade knives adjustable and changeable without removing rotor caps. No cutter bar adjustments necessary. Hopper easily removed. Ball or roller bearings protected from juices by special slinger rings and bearing covers. Four knife rotors are available in 8" diameters with 10", 14" and 18" lengths, speed 1700 to 2000 rpm. Either direct right or left hand drive available. Choice of electric or industrial type engine power. Write for full particulars.

	Size	Price	Extra Knives (each)
Z1655	10" 4 knife	$ 495.00	$ 9.00
Z1656	14" 4 knife	625.00	12.60
Z1657	18" 4 knife	735.00	16.20
Z1658	23" 6 knife	1950.00	20.70

Z1659	14" Hogger mounted on frame with 36 h.p. Wisconsin (Mod. VG 4D) air-cooled unit	$1605.00
Z1660	Above unit with electric starter, generator, battery, bracket and cables	1710.00
Z1661	10" Hogger mounted on frame with 25 h.p. Wisconsin (Mod. VF 4) air-cooled gasoline power unit	1270.00
Z1662	Above unit with starter, generator, battery bracket and cables	1385.00

WEILER MIXERS

Cut your feed mixing time with a Weiler Mixer featuring two sets of spirally-arranged paddles mounted on one shaft. Swirling mixing action moves feed from one side to the other, breaking up large unmixed masses and assuring a complete and thorough mix every time. Mixing tub locks into any position for easy dumping. Power dumping on large capacity machines available. Helical cut steel reduction gears run in oil bath. Ball-bearing equipped. Motor mount under tub—overhead mounting available. Full capacity about 20% above rated capacity.

	Tub Size	Capacity Wt.	Less Motor
Z1648	24"x30"x36"	640 lb.	$ 490.00
Z1649	30"x36"x42"	1170 lb.	670.00
Z1650	36"x42"x54"	2110 lb.	965.00
Z1651	36"x42"x72"	2900 lb.	1195.00
Z1652	42"x48"x72"	3925 lb.	1420.00

Prices include hand crank back-geared tip-down tub and unloading valve in end of tub. Capacities are based on wet feed of 60 lbs. per cu. ft., tub filled to within 6" of top edge. Power dump available on large sizes at extra cost. Horse-power requirements about 1 h.p. per 500 lbs. capacity. Special sizes to suit your needs available. Write for prices.

PROFIT PRODUCING FEEDERS

LESTER MILLS SELF PROPELLED FEEDER

Here is a feeder that gives you feeding speed, easy handling, highest maneuverability, easiest maintenance, easiest cleaning and complete operator visibility. Operate at any speed from 0 up to 6 miles per hour. Smooth, easy, quiet power. Rugged construction that assures you years of trouble free service . . . feeding more mink faster.

Big 1300 lb. capacity STAINLESS STEEL tank that slopes into the pump from all directions . . . gets the last bit of feed from the hopper.

Available with either 8 or 10 HP Kohler engine in either conventional gear shift or the new smooth Wheel-A-Matic drive by Wheel Horse. Complete range of speeds with clutchless speed selection. Unmatched smoothness and full power at all speeds.

Positive feed heavy duty gear pump with bronze bearing chain drive. Four speed pump for heavy or light feeding. Electric touch feed control, either hand or foot operated for individual, litter, and ribbon feeding. The quickest acting pump control on the market.

Heavy duty 12 volt battery, starter and generator.

Comfortable high front mounted seat for complete visibility. Convenient discharge hose and nozzle with handy arm rest.

Watering attachment converts to convenient watering unit. Develops up to 50 lbs. pressure if desired. Discharge hose handled from driver's seat. Includes tank cover.

Height 51", width 33", length 77". Short turning radius. Special design muffler gives amazingly quiet operation.

V1001 Mills Self Propelled feeder, 8 HP gear shift **$1445.00**
V1002 Mills Self Propelled feeder, 10 HP gear shift **1485.00**
V1003 Mills Self Propelled feeder, 10 HP Wheel-A-Matic **1595.00**
V1004 Water attachment for any model **29.95**

LESTER MILLS TRAILER FEEDER

The finest feeder you can buy . . . but when you're thru feeding, just unhook the tractor and you're ready for those hundreds of other chores around the ranch and home that a tractor of this size is designed to do. Mow the grass, blow the snow, till the garden, bull-doze the drives, spray the sheds, provide portable electric power . . . it does just about everything . . . all this after taking care of your bread and butter job of feeding the mink.

Feeder is a big 1300 lb. capacity with a STAINLESS STEEL tank. Separate 8 HP Kohler engine on the feeder drives the heavy duty bronze bearing 4-speed pump. Pump handles any feed mix easily . . . and FAST. Electric touch feed control for individual, litter, and ribbon feeding. Control button mounted on steering wheel of tractor so you never have to move your hand from the wheel. Tank design gets out last bit of feed. Cleans so easily. All working parts readily accessible for easy maintenance.

This great trailer type feeder combined with the incomparable Simplicity Landlord 9 HP tractor is an unbeatable combination. See page 58 for full details on the Simplicity Landlord.

Also available with the fine Wheel Horse gear shift or Wheel-A-Matic tractor. Either tractor is complete with heavy duty starter, battery and generator.

V998 Mills Trailer Feeder only (less tractor) **$1050.00**
V999 Mills Trailer Feeder with E620 Simplicity Landlord 9 HP tractor **1710.00**
V1000 Mills Trailer Feeder with Wheel Horse 10 HP Wheel-A-Matic Tractor **1735.00**

WEILER FEED CART

Now all in one—either the most completely mobile cart you have ever handled, or a true running unit with the front wheel locked in position for easy shed feeding. New simple attachment permits immediate change from one type of control to the other.

Three large 26", heavy-duty, ball-bearing, machine gun cart type wheels let this cart roll easier than any other you have used. When the front wheel is unlocked it is without a doubt the easiest handling.

Just a flick of the hips maneuvers it in and out of the tightest spots even when fully loaded.

The Weiler Cart is built to last with expertly welded and reinforced frame and heavy-duty wheels. The load weight rests primarily on the two center wheels, while the large swivel wheel acts as a balance. Because it is so large, this swivel wheel doesn't restrict mobility, as is the case with many other carts.

Overall width 28 inches, overall length 62 inches, height to top of tub, 32½ inches. Capacity of tub, 275 lbs., average mix. Wt., 85 lbs.

Order today, don't wait for the heavy feeding season.

V658 Weiler Feed Cart **$99.00**
V659 Deluxe Adjustable Harness **13.50**

SUPERIOR CART

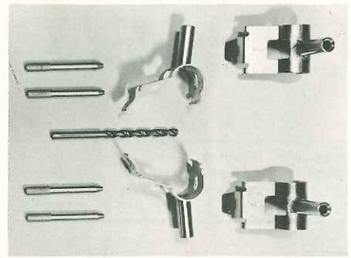
This cart has been in great demand throughout the midwest since its introduction several years ago. Ranchers repeatedly tell us it's the handiest cart they've ever used. Ideal for shed feeding. Follows true course down the row. Maneuvers easily by merely pressing downward on handles and swiveling on the two large wheels.

Heavy steel spoke wheels. Rear wheels 26". Forward guide wheels 20". Heavy-gauge galvanized tub and steel frame.

Height, 37". Maximum width (at hub), 29". Capacity, 275 lbs. of standard mix. Wt., 86 lbs.

V660 Superior Feed cart **$90.00**

NASCO BM MINK WATERING SYSTEM



MOUNTING TOOLS for BM Valve

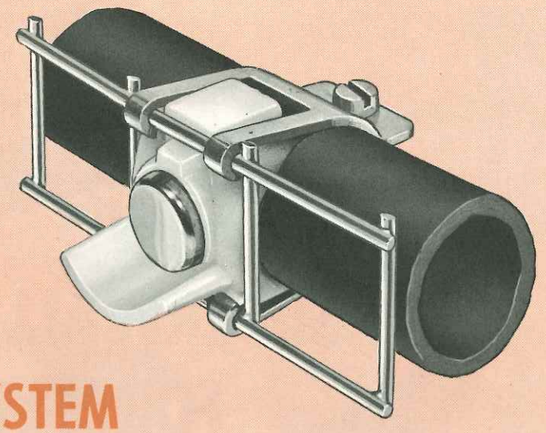
Special tools needed for easy foolproof installation of BM valve and pipe.

Set consists of 5 pipe holders (drilling jigs) 4 guiding pins and 1 special drill (letter "I").

V959 BM Valve Mounting Tool set **$10.75**
For special ¾" plastic pipe, see page 20.

MOUNTING OF THE BM MINK DRINKING VALVE

1 Main supply water pipe.
2 Shut-off valve
3 Float controlled water tank.
4 Supply pipe — ¾" I/D x 1" O/D "Polyethylene" tubing.
5 BM Mink Drinking Valve.
6 Rubber connecting sleeve ⅞" I/D Max. x 4½" long. All openings and holes in the tank must be closed to prevent flies, insects, etc., from entering the tank. Water contamination, blocked pipes and valves can occur.
7 Cut pipe having approx. ⅜" extra for connection with a rubber sleeve as mentioned in (6) at each end of the cages see (1).



WATER—Without Mess—Without Worry

What's different about the BM water valve from any of the other valves on the market? Quite a few things—but 2 BIG ONES stand out that set this apart from all others. (1) Valve is held closed by a light constant pressure stainless steel spring . . . thus NO LEAKING even if the pressure drops to 1 lb. or less. (2) No clogging or unseating of the valve even with particle filled water . . . no strainer is necessary.

There are other big advantages, too. The big, flat, easily activated plunger just invites a mink to drink, yet he can't damage it. The nylon lip holds a bit of water by surface tension and leads him right to the water source . . . never any trouble getting them started drinking.

Of course, it has all the advantages inherent to other automatic water systems—with one big plus—it's practically foolproof. No more fretting over whether it's working . . . it's always working for you.

The valve seat protrudes well into the interior of the pipe so that it is constantly being "washed" by the water. Foreign particles that would clog valves of other construction are immediately dislodged.

Install with standard small pressure reducing tanks. Adjust height to provide approximately 2 lbs. of pressure in the line. Each tank will service from 200 to 300 valves. Can be installed with pressure regulator, but we recommend the tanks.

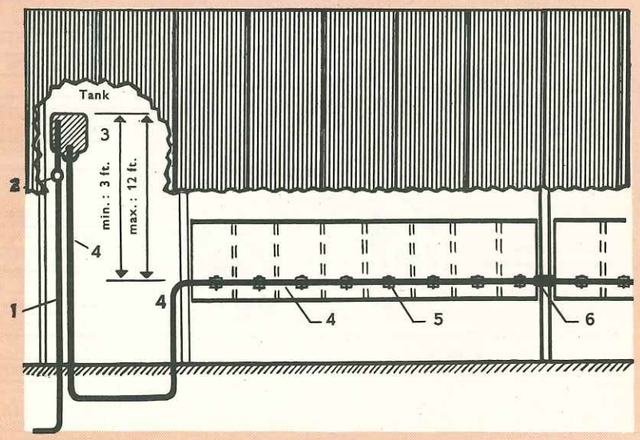
Simple to install . . . requires a few simple but special tools.

Never an air lock problem . . . trapped air escapes through each valve, yet holds water tight. All working parts are stainless steel or brass.

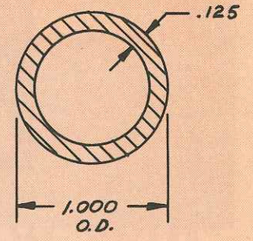
Valve is designed for a special ¾" extra heavy wall plastic pipe. They will not fit properly on standard ¾" pipe. Pipe must have 1" O.D., .75" I.D. and .125" wall thickness.

Mink grow faster and bigger . . . pelt quality is better . . . your production costs are lower . . . your work is easier. Not much more can be said for this great valve.

V958 BM Valve complete with mounting brackets ..... **$ .35**
1000-4999, deduct 2%.
5000 or over, deduct 4%.



NEW SUPERWALL FOR BM VALVE SYSTEM



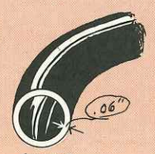
Special manufactured ¾" pipe (1" OD) for BM Valve installations. Thick .125" wall thickness. Valve is designed around this pipe specification and will not function properly with any other.

Cat. No.	In. Diam.	Out. Diam.	Wt. Per 100 Ft.	Minimum Wall Thickness	Working Pressure @ 73° F	Coil Length	Price Per 100 Ft.
V961	¾"	1"	16 lbs.	.125"	160 P.S.I.	400 & 100	13.00

ANESITE *FLEXIBLE PLASTIC PIPE*

ALL NSF APPROVED

The finest pipe on the market, bar none. We offer the right weight and grade for every purpose. Non-toxic, non-corrosive. Costs so little to install. Withstands freezing. Carries more water than comparable size metal pipe. Lasts indefinitely. Made of the finest resins to exacting manufacturing standards.



½"pipe
For cup systems. Not recommended for founts.

½"pipe
For cups or standard saddles & bands.

½"pipe
For self tapping founts or wherever the finest is needed.

UTILITY—Lightwall 80-lb. NSF-Approved

Cat. No.	Diam.	Wt. Per 100 Ft.	Minimum Wall Thickness	Working Pressure @ 73° F	Coil Length	Price Per 100 Ft.
V315	½"	5.8	.060"	80	400 & 100	$ 3.88
V316	¾"	8.5	.072"	80	400 & 100	5.90
V317	1"	14.3	.091"	80	300 & 100	8.70
V318	1¼"	24.5	.120"	80	300 & 100	15.30
V319	1½"	32.8	.140"	80	250 & 100	20.75

SPECIAL—Heavywall 100-lb. NSF-Approved

Cat. No.	Diam.	Wt. Per 100 Ft.	Minimum Wall Thickness	Working Pressure @ 73° F	Coil Length	Price Per 100 Ft.
V320	½"	6.8	.070"	100	400-100	$ 4.00
V321	¾"	11.3	.092"	100	400-100	7.25
V322	1"	18.3	.117"	100	300-100	11.60
V323	1¼"	31.5	.153"	100	300-100	20.35
V324	1½"	41.0	.179"	100	250-100	27.75
V325	2"	70.5	.230"	100	200-100	46.10

PREMIUM—Special Extra-Heavywall 133-lb. NSF-Approved

Cat. No.	Diam.	Wt. Per 100 Ft.	Minimum Wall Thickness	Working Pressure @ 73° F	Coil Length	Price Per 100 Ft.
V326	½"	10.2	.109"	133	400 & 100	$ 7.60

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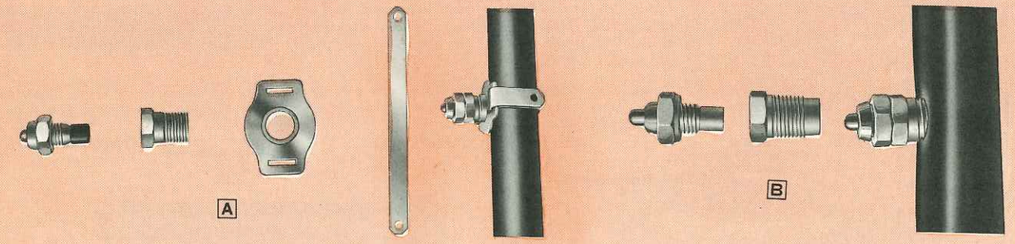
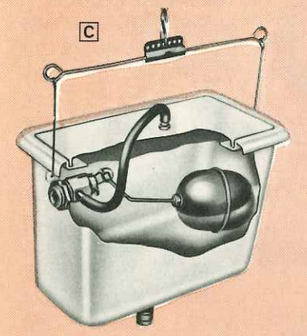


AUTOMATIC WATERING—SAVES YOU MONEY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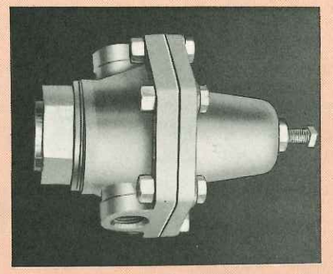
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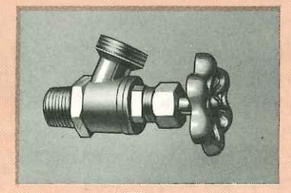
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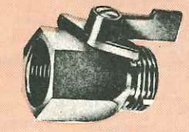
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2-PIECE "QUICK CHANGE" FOUNT A

With Saddle and Band

Real convenience and reliability. Permits immediate easy removal of fount head from base for cleaning or thawing. No necessity to unseat or unseal base from pipe. No fumbling with rubber valve or seal. This fount is used with standard saddle and band as shown on flexible plastic pipe. Base screws into saddle and then against the surface of the pipe until seal is made. Use only heavy wall or extra-heavy wall pipe to be sure of sufficient wall strength for proper seal.

V419 2-Piece "Quick Change" Fount with Standard Base ..... **$ .21**
V420 Saddle and Band ..... **.09**
V898 Rubber Valve. Per 100 ..... **2.25**

2-PIECE "QUICK CHANGE" FOUNT B

Screws Directly into Flexible Plastic Pipe
No Saddle and Band Needed

At last a fount that really works without the expense of the saddle and band. Exhaustive research and testing has resulted in this fine valve. **A Word of Warning—Install Only With Premium Grade NSF Extra-Heavy Wall Plastic Pipe.** With this pipe and proper installation you're sure of foolproof performance for many years. You must have the thick resilient wall to properly hold the threads.

Cut hole in pipe with special cutting tool. Screw tapered fount base into pipe, then screw fount into base. Fount can be easily removed if desired for cleaning without disturbing base. This offers you the finest equipment at lowest cost.

V418-20Y 2-Piece Fount with Tapered Base. Each ..... **$ .22**
V898 Rubber Valve. Per 100 ..... **2.25**

PRESSURE REDUCING TANK C

Tank is made of durable high impact styrene plastic. Float valve is a combination of plastic and brass, providing good pressure control. Water is strained through a 60 mesh screen located in the lid of the tank. It is easily removed for cleaning. Float valve has ½" male and ⅛" female pipe inlet and a ½" female outlet.

Equipped with convenient hanging chain that will permit you to minutely adjust the water pressure on your line by merely raising or lowering the tank position. Sh. wt. 2½ lbs.

V957-F80 Pressure Reducing Tank **$6.90**

CASH REGULATOR D

The regulator makes the difference between an automatic water system that really works and one that doesn't. The Cash Regulator is the finest made. Heavy-duty industrial unit. Automatically reduces high initial pressure to a desired low delivery pressure. Extremely accurate and minutely adjustable. An example of precision engineering. Finest materials. Will give years of completely reliable service. Will handle up to 3000 founts.

V423 Cash Pressure Regulator only Type B, ½" **$25.35**
V424 Cash Pressure Regulator only Type B, ¾" **30.70**

END DRAIN ASSEMBLY E

This makes an economical end drain. Can be adjusted for gradual drip or steady flow.

V789 End Drain Assembly ..... **$ .75**
V437-320E Drain Cock only ..... **.40**

WATER STRAINER F

Industrial-type strainer for connection in water line ahead of regulator. Basket-type with removable screen for easy cleaning. Available with either bronze or cast iron body.

V427 ½" Strainer, Bronze ..... **$ 8.20**
V428 ¾" Strainer, Bronze **10.00**
V429 ½" Strainer, Cast Iron **6.15**
V430 ¾" Strainer, Cast Iron **6.85**

PRESSURE GAUGE G

Know the pressure in your water line at all times and prevent damage to your system, or lack of water supply. Dial is 2½" in diameter, range 0-15#. Complete with brass ½" male screw in fitting. Sh. wt. 7 oz.

V876 Pressure Gauge **$4.00**

DRAIN VALVE H

Precision-machined bronze drain valve of highest quality. Hose thread on drain outlet.

V433 74 Drain Valve, ½" ..... **$ .82**
V434 74 Drain Valve, ¾" ..... **.92**

QUICK SHUT-OFF VALVE I

Shut off water with flick of a finger. Highly machined of solid brass. Positive seal. Female end ¾" pipe threads. Male end ¾" hose thread.

V435-SO-75 Quick Shut-Off Valve **$1.45**

STOP VALVE J

Highest quality bronze shut-off valve. Precision-machined for smooth, positive performance. Used both ahead and behind regulator and to isolate any individual line of pens. Use with male adapter in each end when placing in plastic pipe installation.

V431 75 Hand Stop Valve, ½" ..... **$ .88**
V432 75 Hand Stop Valve, ¾" **1.10**

NASCO, INC., Fort Atkinson, Wisconsin

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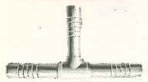
NYLON PIPE FITTINGS

Fittings are a vital part of your water system. Avoid putting any "weak links" into your setup by installing only Nylon fittings—proven far superior to any other. Will stand many more times the stresses of all types than the old black styrene fittings. Nylon costs a little more but is much cheaper in the long run.

Standard black styrene plastic fittings are also available on request at considerably lower prices but we do not recommend them for any permanent installation. All prices listed below are for NYLON fittings only.



Join plastic to plastic at laterals.

INSERT TEE		Price
V332	½"	$ .32
V333	¾"	.47
V334	1"	.88
V335	1¼"	1.33
V336	1½"	1.67
V337	2"	2.73

Connects plastic pipe to any metal or other fitting with standard IPS thread.

INSERT ADAPTER		
V338	½"	$ .17
V339	¾"	.21
V340	1"	.27
V341	1¼"	.43
V342	1½"	.55
V343	2"	.83

Threaded female outlet reducing one size from slip laterals.

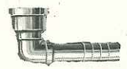
INSERT REDUCING TEE (FEMALE)		
V344	¾"- ½"	$ .66
V345	1" - ¾"	1.02
V346	1¼"-1"	1.04
V347	1½"-1¼"	1.86
V348	2" -1½"	3.27

Plastic to plastic for 90° bends.

INSERT ELL		
V349	½"	$ .28
V350	¾"	.37
V351	1"	.52
V352	1¼"	.72
V353	1½"	1.17
V354	2"	2.00

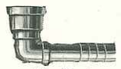
Connects plastic to plastic.

INSERT COUPLING		
V355	½"	$ .18
V356	¾"	.24
V357	1"	.33
V358	1¼"	.47
V359	1½"	.60
V360	2"	.87



Reduced female threaded outlet.

REDUCING ELL		
V361	¾"- ½"	$ .53
V362	1" - ¾"	.70
V363	1¼"-1"	1.06
V364	1½"-1¼"	2.06
V365	2" -1½"	2.83



Plastic to thread—no reduction.

COMBINATION ELL		
V366	½"	$ .40
V367	¾"	.53
V368	1"	.70
V369	1¼"	1.06

Plastic to plastic reducing.

REDUCING COUPLING		
V370	¾"- ½"	$ .33
V371	1" - ¾"	.47
V372	1¼"-1"	.61
V373	1½"-1¼"	.72
V374	2" -1½"	1.05

Plastic to plastic to thread—no reduction.

COMBINATION TEE		Price
V375	½"	$ .50
V376	¾"	.66
V377	1"	1.02

Threaded inside and out.

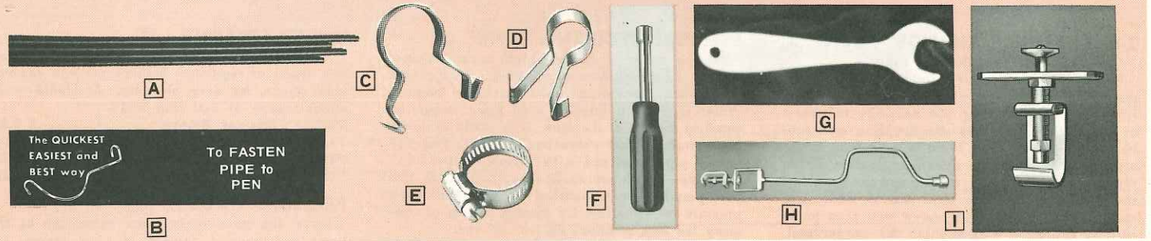
THREADED REDUCER BUSHING (Styrene Only)		
V381	¾"- ½"	$ .22
V382	1" - ¾"	.25
V383	1¼"-1"	.35
V384	1½"-1¼"	.45
	2" -1½"	.60

To plug end of plastic pipe.

INSERT PLUG (Styrene Only)		
V385	½"	$ .12
V386	¾"	.13
V387	1"	.18
V388	1¼"	.24
V389	1½"	.30

Threaded—to plug any female threaded outlet.

THREADED PLUG (Styrene Only)		
V391	½"	$ .22
V392	¾"	.31
V392A	1"	.37
V393	1¼"	.40
V394	1½"	.43
		.51



KRALASTIC [A]

Semi-Rigid Pipe and Fittings

If you have a Kralastic water system we offer this pipe for repair and replacement. We do not recommend it for new mink watering system installations. Available in 20-ft. lengths. Fittings cemented on.

V409 ½" Kralastic Pipe, per ft. ..... $ .07
V410 ¾" Kralastic Pipe, per ft. ..... .10
V411 ½" Coupling, slip to slip ..... .15
V412 ¾" Coupling, slip to slip ..... .17
V413 ½" Adapter, slip to thread ..... .23
V414 ¾" Adapter, slip to thread ..... .29
V415 ½" Tee, slip to slip to slip ..... .38
V416 ¾" Tee, slip to slip to slip ..... .46
V417 Kralastic Cement, per pt. 2.00

Other fittings available on request.

WIRE PIPE HANGER [B]

The ideal plastic pipe hanger when using direct screw-in founts. Holds pipe up close to wire so that fount protrudes into pen just the right amount.

Heavy galvanized wire. Low cost. Takes just seconds to install the pipe with these.

E508 Plastic Pipe Hangers. Per box of 100 ..... $ .35

SPRING STEEL PIPE HANGER [C]

Easy-to-install ½" plastic pipe clamp. Snaps into pen wire with no tools needed. Holds pipe away from wire, yet close enough to use with automatic nipple watering system or with cups. Much faster and easier to install. Cadmium-plated for protection against rust. Sold in boxes of 500 only. Cannot be used on extra heavy wall pipe.

V399 Spring Steel Pipe Clamps. Box of 500 **$15.00**

PLASTIC PIPE CLAMPS [D]

Heavily galvanized metal clamps. Fit ¾" plastic pipe. Clamp holds pipe far enough away from cage so that mink cannot chew pipe. Wt., ½ lb. per doz.

V400 Pipe Clamps. Each ..... $ .04

ADJUSTABLE STAINLESS STEEL CLAMP [E]

V396 ½" & ¾" ..... $ .25
V397 1" & 1¼" ..... .26
V398 1½" & 2" ..... .27

BUSHING DRIVER TOOL [F]

A necessity for screwing tapered base of "Quick Change" founts directly into plastic pipe after hole has been cut. Makes straight placement easy, greatly speeds up installation. Wt. 12 oz.

V440-F76 Bushing Driver Tool $1.25

STANDARD FOUNT WRENCH [G]

Handy wrench designed specially for screwing founts into saddles or directly into pipe. Wt., 3 oz.

V439-F40 Fount Wrench ..... $ .20

SPEED WRENCH HOLE CUTTER [H]

Standard hole cutter attached to speed wrench for high-speed, accurate hole cutting in plastic pipe. Essential for larger jobs. Wt., 1½ lbs.

V442 Speed Wrench Hole Cutter $5.00

STANDARD HOLE CUTTER [I]

Accurately cuts a smooth chip-free hole in plastic pipe exactly the right diameter to receive the base element of the direct screw in "Quick Change" fount. Wt., 6 oz.

V441-F70 Standard Hole Cutter $1.75

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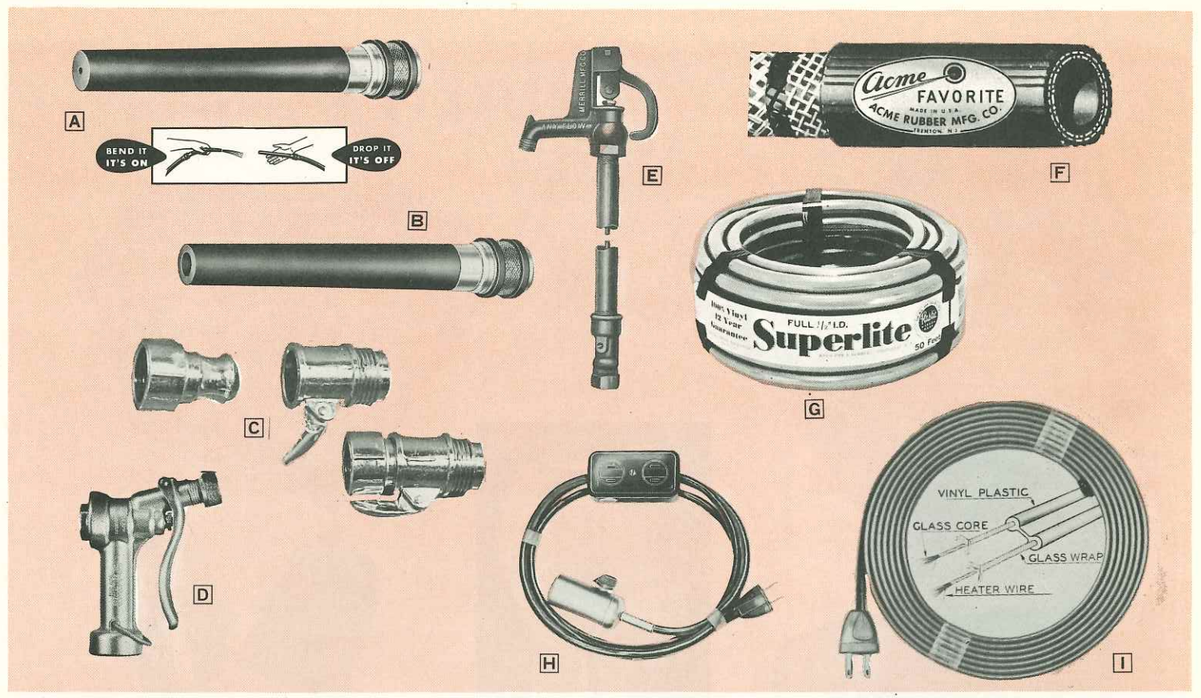

LONN WATER SAVER (Model R) [A]

This is a nozzle you won't want to be without. It's amazing! Just pick it up and the water is on—drop it and the water automatically shuts off. Water is always instantly available but there is no water running when not in use. Provides a concentrated pressure stream. Overall length, 9". Available for ¾" or ½" threaded connections. Ideal for cleaning and flushing cups. Wt., 12 oz. each.

V444 Water Saver Nozzle, jet stream type. Each $2.75
V445 Replaceable Rubber Ends. Each ..... .75

LONN WATER SAVER (Model M) [B]

A large stream, open flow is provided rather than a concentrated pressure stream for flushing cups. Wt., 12 oz. each.

V446 Water Saver Nozzle, open flow type. Each $2.75
V447 Replaceable Rubber Ends. Each ..... .75

QUIK-TITE HOSE COUPLER [C]

A quick, handy Hose Coupling for use wherever a hose is used. Two parts snap together quickly and are held tightly by lever action. Leave small end on water source, other end on hose. Fitting is leak-proof and 100% rust-proof. Wt. 5½ oz.

V878-74C Quik-Tite Hose Coupler ..... $ .98
V879-74M Quik-Tite Male Portion only ..... .40
V880-74F Quik-Tite Female Portion only ..... .60

TRI-CON ALL PURPOSE NOZZLE [D]

The Tri-Con all-purpose nozzle features trigger control and a reversible cap making this the most versatile unit you can buy. You have complete control at your finger tips. The patented Tri-Con cap produces a high velocity stream ideal for many purposes. Reverse the cap and it delivers a spray—large or small as desired. Remove the cap and you have an open flow. Wt., 1 lb. each.

V448 Tri-Con All-Purpose Nozzle $2.95
V449 Replacement Reversible Nozzle Cap, only ..... .80

NASCO, INC., Fort Atkinson, Wisconsin

MERRILL FROST-FREE HYDRANTS [E]

Patented plunger arrangement assures even flow from trickle to full force. Prevents drain-hole seepage. Drain is never open when water is turned on. Positive lock lever control on cam principle stays open at any volume set. Brass rod through packing nut will not rust and cut out packing. Stainless steel spring protects seat washer and linkage from excessive wear, takes up slack of normal wear. Prevents leakage and consequent frost damage. Swivel parts permit withdrawal of entire assembly without digging up. Nothing in head assembly to disconnect or adjust when removing. Seat washer on swivel, no danger of unscrewing it when assembly is removed. Brass hose connection on discharge end of hydrant. Outlet 27" above ground. Be sure to specify distance beneath ground, or "bury" desired. Shipped express.

V401 ¾" x 2 ft. bury. Wt., 15½ lbs. $12.65
V402 ¾" x 3 ft. bury. Wt., 17½ lbs. 13.25
V403 ¾" x 4 ft. bury. Wt., 19½ lbs. 13.85
V404 ¾" x 5" ft. bury. Wt., 21½ lbs. 14.40

F.O.B. Fort Atkinson, Wisconsin

ACME RUBBER HOSE [F]

COUPLED LENGTHS

This Acme favorite is the highest quality rubber water hose made. Features 2 layers of high tensile rayon reinforcing laminated with highest quality rubber. Long-lasting corrugated rubber exterior cover. Will handle 125 lbs. water pressure. Each length has solid brass couplings.

V455 ⅝" ID Acme Rubber Hose. Wt. 16½ lbs. 50-ft. length $13.91
V456 ¾" ID Acme Rubber Hose. Wt. 18½ lbs. 50-ft. length 18.03

FLEXIBLE PLASTIC HOSE [G]

We have had many requests for flexible plastic garden hose. The new crystal green hose is made of pure plastic and has a full ½" inside diameter. Other inferior hose advertised at lower prices is generally not ½" inside diameter. This hose is guaranteed for 12 years against failure due to inferior material or workmanship. Each length of hose has solid brass coupling and connectors. Sold in 50-ft. lengths only. Wt., 4½ lbs.

V454 ½" Plastic Hose. 50 ft. ..... $ 4.65
Two 50-ft. lengths for 8.00

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ADJUSTAT CONTROL FOR LINE-O-HEAT [H]

When used with Line-O-Heat or other heating units Adjustat automatically holds temperatures from 20°-80° F. by means of a control knob. The casing is nickel plated brass and is moisture resistant, but not water tight. Operates with positive snap action to prevent any radio interference and is accurately constructed to closely control temperature. Has indicator light. Saves work, worry and money by preventing waste of electricity. 1000 watts capacity, 120 volts AC.

E50-TSA1035 Adjustat. Wt., 1 lb. Each $6.95

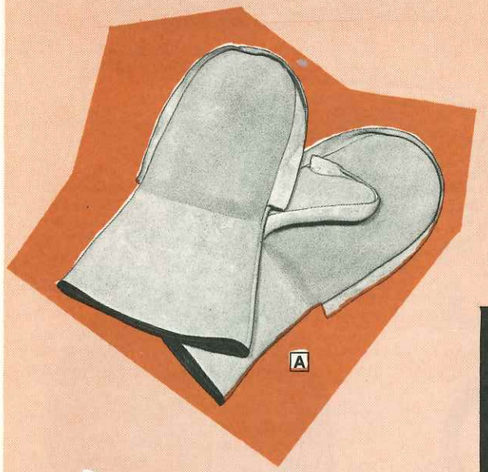
SAFE ELECTRIC LINE-O-HEAT TAPE [I]

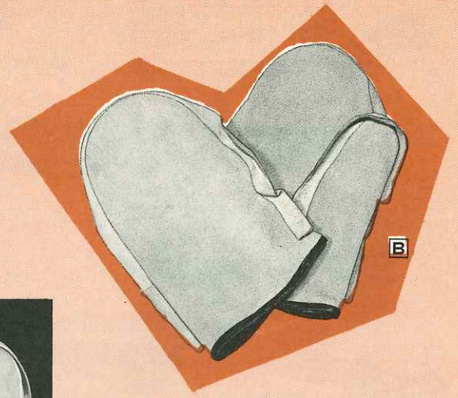
SAFE because each conductor is encased in a strong glass wrap. This design accounts for the high safety factor. Made to **protect** water pipes against freezing, for soil heating, and other uses whenever a low degree of heat (160° F or less) is needed. It is designed for operation **ONLY in standard lengths and on 120 volts AC or DC.** Just apply where needed and plug in.

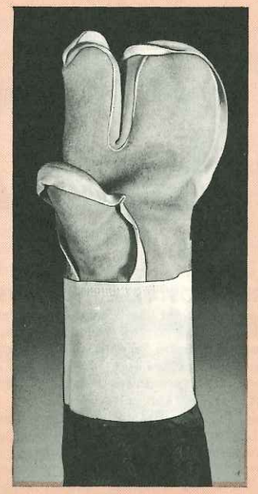
E525-LHT6 6 ft. with plug, 36-watt, 120-volt. Ship. wt. 5 oz. ..... $ 2.65
E526-LHT8 8 ft. with plug, 48-watt, 120-volt. Ship. wt. 5 oz. 2.95
E47-LHT12 12 ft. with plug, 72-watt, 120-volt AC. Ship. wt. 7 oz. 3.45
E48-LHT20 20 ft. with plug, 120-watt, 120-volt AC. Ship. wt. 10 oz. 4.45
E527-LHT30 30 ft. with plug, 180-watt, 120-volt. Ship. wt. 15 oz. 5.95
E49-LHT40 40 ft. with plug, 240-watt, 120-volt AC. Ship. wt. 1 lb. 2 oz. 7.45
E504-LHT60 60 ft. with plug, 360-watt, 120-volt AC. Ship. wt. 2 lbs. 10.45
E528-LHT80 80 ft. with plug, 480-watt, 120-volt. Ship. wt. 2 lbs. 3 oz. 12.95

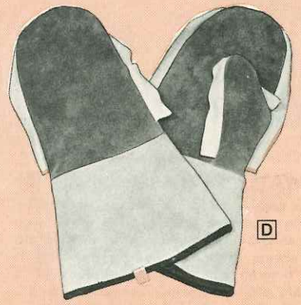
All Breakage Must Be Reported Within 10 Days of Receipt of Order

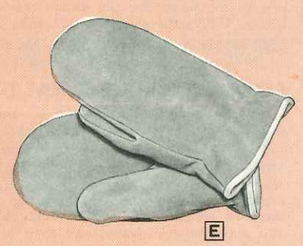
QUALITY MITTS—









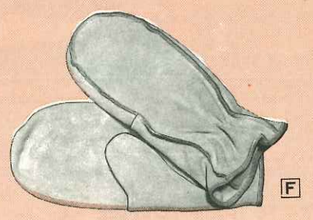


1-FINGER ELK HIDE MITT

For those who prefer the 1-finger style for greater control of the mink being handled, we offer this fine quality mitt.

All of the outstanding features of the elk hide mitt, plus the 1-finger styling. Double leather lined and soft flexibility. Wt., 1 lb.

V479 1-Finger Elk Hide Mink Mitt **$5.25**



ELK HIDE MINK MITTS— The Finest Made

Now extra heavy elkhide in neutral gray color. Full leather lining—giving you two thick layers of leather for maximum protection yet so amazingly flexible—and they stay that way. Won't stiffen up when subjected to water or other materials. Strongly sewn and constructed for maximum wear. Available in 2 popular styles—either a high wrist or gauntlet type. Rough leather surface to give the best grip.

The best protection with maximum "feel" and flexibility. Large and roomy.

A **V475** Elkhide double lined, gauntlet style, gray. Sh. wt. 1¼ lbs. **$4.95**

B **V915** Elkhide double lined, hi-wrist style, gray. Sh. wt. 1 lb. 10 oz. **$4.95**

SPECIAL PALM PATCH MITTS C

Increases wear in the palm area where maximum stress is received while breaking necks during pelting season.

By the addition of this palm patch as shown, the life of the mitt is doubled while the cost is raised but a few pennies.

V903-3100SP Pair with Palm Patch on both Mitts **$4.55**

RANCH FAVORITE MITT D

A new neutral green horsehide leather mink mitt. Outstanding protection. Extra heavy leather palm and back. Thick, tough fabric lining that gives you excellent protection and flexibility. Gray leather gauntlet with fabric lining. Rot-resistant nylon thread. Second only to elkhide in maintaining flexibility. Sh. wt. 1 lb. 6 oz.

V481 Ranch Favorite Mitt. Men's size **$4.75**
V482 Ranch Favorite Mitt. Women's size **4.75**

5% Cash Discount All Items This Page

CHOPPER STYLE MINK MITT E

The popular chopper style mitt specially designed for mink handling. Neutral green color. Heavy leather—rough side out. Thick flannel lining. Amazingly flexible. Built-in elastic band on back of wrist for snug, comfortable fit. Real protection and comfort at minimum cost. No flap at seams. Sh. wt. 10 oz.

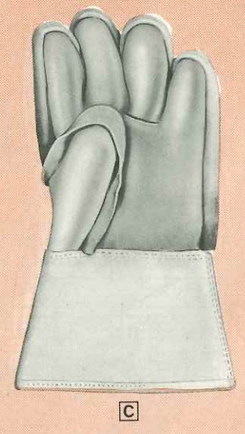
V1014 Chopper Mink Mitt, large **$2.00**
V1015 Chopper Mink Mitt, medium **1.85**

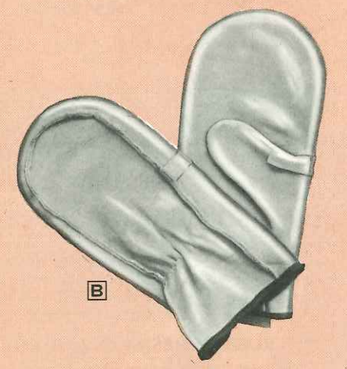
ECONOMY CHOPPER MITTS F

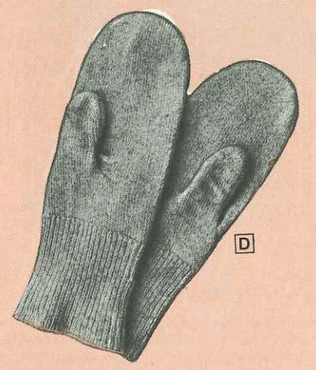
An inexpensive but good quality mitt for a reasonable price. Turned rough side out to increase your gripping efficiency. For mink catching and general use around your ranch. A good roomy mitt.

V740 Economy Chopper Mitts **$1.44**

BUDGET PRICED







ECONOMY GRAY STYLE MITT A

Flexible gray chrome leather designed as lowest price mitt being offered anywhere, still retaining our famous quality features. This style offers the one-half inch leather strip around the edge to protect seams and divert bite.

Rot-resistant nylon thread. Comfortable wing thumb. Fleece lining and full gauntlet cuff. Roomy fit throughout.

V483-1100 Men's Economy Gray Mitts. Per pair **$3.75**

MOCCASIN STYLE CHOPPER MITTS B

A real good quality grained leather. Moccasin styled back, comfortable welded wing thumb. Elastic back. Use with or without liners.

V739 Moccasin Style Chopper Mitts **$2.19**

LEATHER MINK GLOVES C

Leather gloves have been accepted by veteran ranchers as ideal for handling kits and females and for separating. Special buffed leather retains its original softness and flexibility after exposure to wet and cold. You can expect double the normal wear from these fine gloves. Sh. wt. 1 lb.

V486 Men's Leather Mink Gloves **$4.95**
V487 Women's Leather Mink Gloves **$4.95**

CHOPPER MITT LINERS D

Warm liners. 30% wool. Seamless rib knit wrists. These liners will make a good combination with any of our chopper mitts.

V741 Chopper Mitt Liners ..... **$ .57**

5% Cash Discount All Items This Page

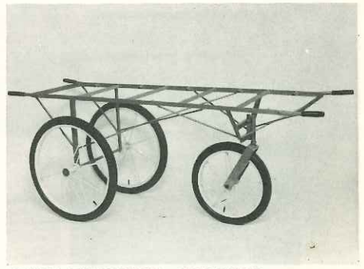
MINK FEED AND ALL PURPOSE CART

A real fine cart at low cost. 26" wheels with 20" front swivel wheel. Sleeve type bearings with zerk fittings. Feed capacity 320 lbs. Tub dimension 34" x 22½". 14" deep. Overall width 32½"; height, 39".

Heavy gauge galvanized tub is removable. With tub off, it is an ideal utility cart for all around ranch work. Handles so very easily even when loaded.

This is an outstanding cart with great versatility. Sh. wt. 93 lbs.

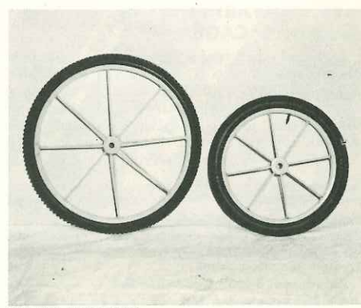
V1016 3-Wheel Mink Feed and All Purpose Cart with tub and pneumatic tires **$90.00**



CIZEK TRANSFER GRADING CAGE AND BALE CART

Room for 10 cages or several bales. Can be steered from either end. Weight, 70 lbs.; width, 30", height, 31½"; length, 6'9½". Equipped with 20-inch swivel wheel and two 26-inch wheels. Heavily constructed throughout. With ¾" axles, sleeve type zerk fitting wheels and rubber hand grips. Pneumatic tires.

V1013 Grading Cage & Bale Cart **$99.50**

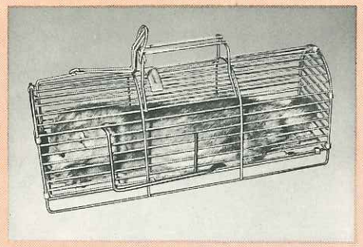


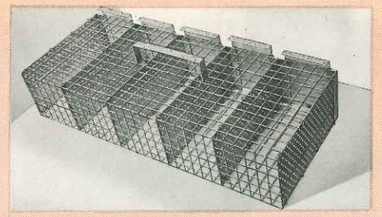
CART WHEELS

Heavy duty cart wheels. 26" or 20". Pneumatic tires. Double ¼" steel spokes. ⅝" axle bore. Hub length 4". Oilite bearings. ¾ axle available on request.

V1011 Cart wheels, 26", with tire and tube **$12.90**
V1012 Cart wheels, 20", with tire and tube **12.70**

A





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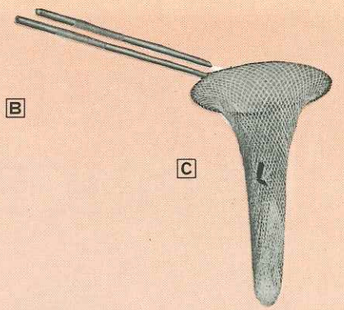

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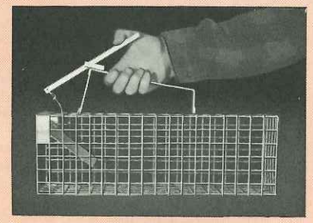
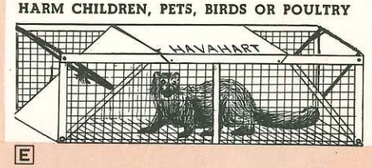


CATCHES ALL KINDS OF ANIMALS. CAN'T HARM CHILDREN, PETS, BIRDS OR POULTRY



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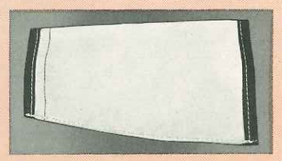

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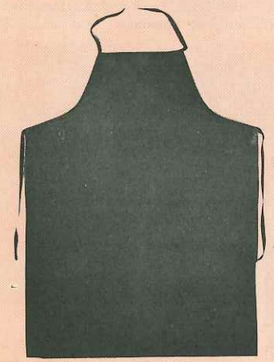

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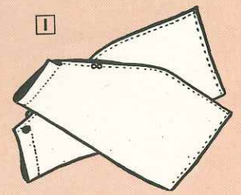

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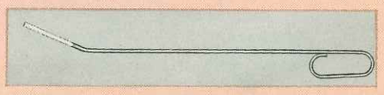


NASCO AUTOMATIC MINK TRAP [A]

Handy combination carrying cage and automatic trap. 19½" long, 8" high, 6" wide. Can be used to carry mink, or set in yard with end gate up. Weight of animal in trap snaps door shut. Wt. 5 lbs.

V488 Mink Trap **$5.95**

FIVE COMPARTMENT CARRYING CAGE [B]

Ideal for field days, shows and separating. Each compartment is 6" x 6" x 12" long. Overall length, 30", width 12", height 7" to top of latches. Dividers are perforated galvanized sheet metal. Doors are solid galvanized metal. Comfortable carrying handle. Wt. 8½ lbs.

V491 Five Compartment Carrying Cage. Ea. **$8.95**

MINK CATCHING NET [C]

Well-made durable catching net. Available in 2 size hoops. Net is heavy No. 9 cotton thread with ½" weave. 24" deep. Thread is specially treated for long wear.

One-piece 3-foot wood handle.

V476 Mink Catching Net, 16" **$3.75**
V477 Mink Catching Net, 12" **3.50**
V478 16" Net only **2.50**

LIGHTWEIGHT TRANSFER CAGE [D]

Lightweight for easy, fast handling. Door opened with pressure of thumb. Spring gives instant closure. Made of 14-gauge 1" x 1" welded wire. Wt., 3½ lbs.

V492 Lightweight Transfer Cage **$4.50**

HAVAHART TRAP [E]

Amazing all metal galvanized "Havahart" traps beat snap traps all hollow for farm and estate use. Your good dog can't lose a toe in these traps and it's easy to return the neighbor's cat or turn your own loose unhurt. This trap works like the old box trap, except it opens at both ends so the animals can see all the way through and get a feeling of confidence. No springs to break. Some have given continuous service for over ten years.

E20-1 Trap 5" x 5" x 18". Wt., 3 lbs. ..... **$ 4.85**
E21-2 Trap 7" x 7" x 24". Wt., 6 lbs. **6.85**
E22-3 Trap 11" x 11" x 36". Wt., 15 lbs. **14.35**

SLEEVE PROTECTOR [F]

You will like the protection this heavy canvas sleeve affords your arm while handling mink. Made of extra-heavy duck. Length, 16¼". Wt., 8 oz.

V480 Canvas Sleeve Protector. Each **$1.95**

FLESHING APRON [G]

Black 15 gauge neoprene 36" x 40" apron. Double sewn edges for longer lasting service. Brass grommets and adjustable straps. Ideal for fleshing and pelting and other light duty work. Lightweight for easy movement. Neoprene resists acids and grease. Wt., 2 lbs.

V484 Fleshing Apron. Each **$2.25**

EXTRA HEAVY WEIGHT FLESHING APRON

For longer service we recommend this heavy duty apron. 36" x 40", black neoprene. Brass grommets and adjustable straps. Wt., 2½ lbs.

V485 Heavy-Duty Fleshing Apron. Each **$2.69**

U.S. RUBBER FLESHING APRON [H]

The finest Fleshing Apron made. Special double-coated metallic Buna-N neoprene rubber. Hemmed and reinforced throughout. Specially made to resist fats and oils. Will outlast 3 or 4 ordinary aprons. A real money-saver. Wt., 1½ lbs.

V293-RA272 Acid-Oil Apron **$3.50**

SLEEVE PROTECTORS [I]

Heavy yet pliable canvas sleeves. Good quality form fitting. Have adjustable snaps at wrist to keep sleeves in place. These will save their original cost many times in torn and soiled clothing.

T501 Sleeve Protectors. Per pair ..... **$ 4.60**
Per dozen pair **54.00**

GRADING STICK [J]

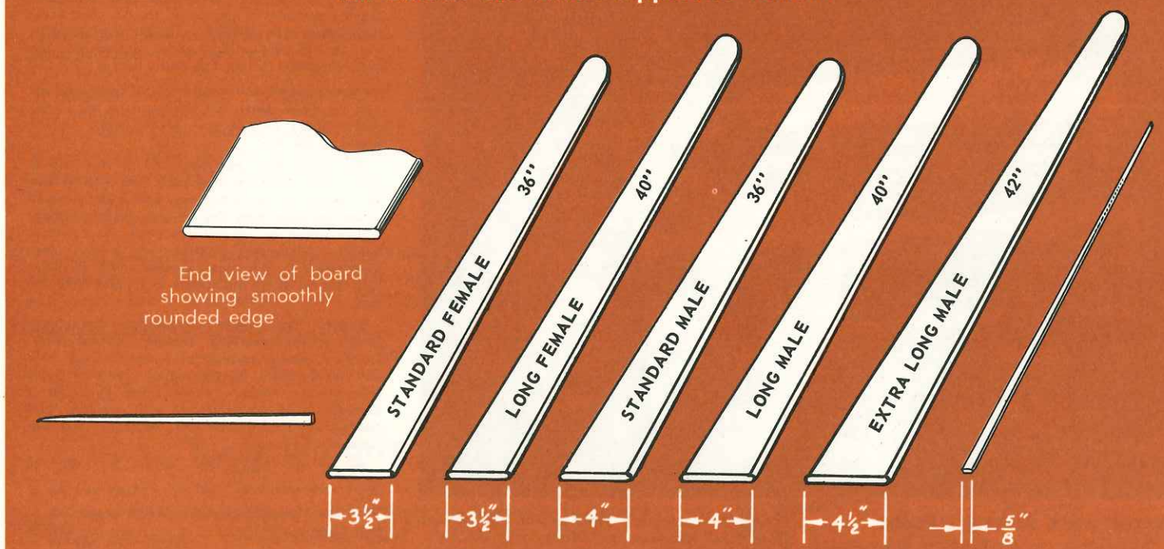
Essential for field days, shows and fall grading where the underfur must be examined. Stick is made of tough steel to give you years of use. 9" length does away with unnecessary stooping or reaching. The tip is slightly bent with serrated edges to allow ranchers or graders to probe or hold long fur apart in determining under tint. Wt., 1 lb.

V495 Fur Grading Stick **$1.50**

5% Cash Discount All Items This Page

JOE MILLER PELT BOARDS

All Boards are EMBA Approved Pattern

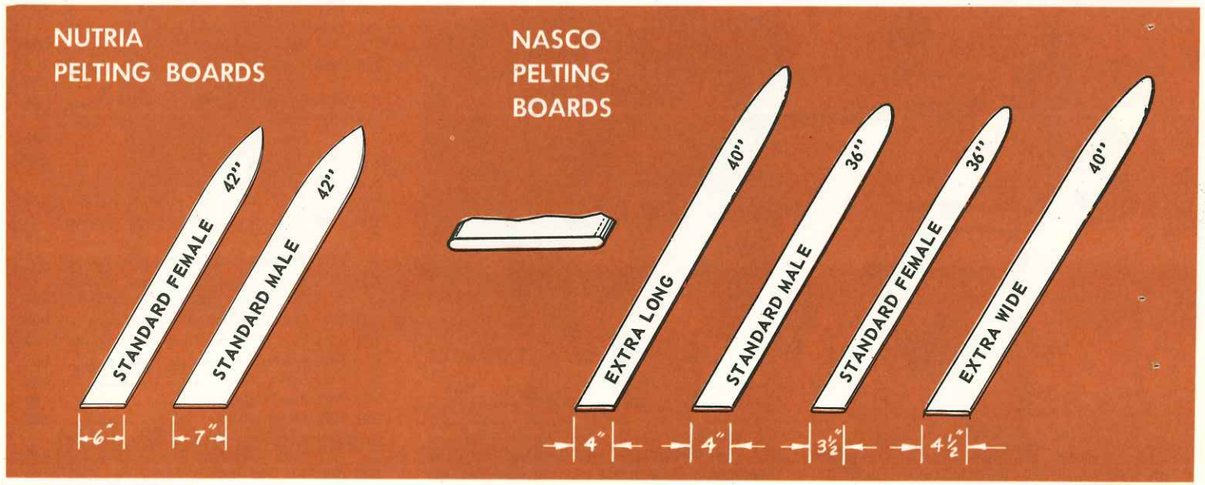


JOE MILLER PELT BOARDS

Still available. The standard of quality in pelt boards for many years. Manufactured from select kiln dried northern basswood. Carefully machined to a satin smooth finish. Smoothly rounded edges. Carefully graded to insure you of only top quality.

V496 Standard Female 3½" x 36". Each ..... **$ .29**
V497 Long Female, 3½" x 40". Each ..... **.29**
V498 Standard Male, 4" x 36". Each ..... **.29**
V499 Long Male, 4" x 40". Each ..... **.30**
V500 Extra Long Male, 4⅝" x 42". Each ..... **.32**
V501 Wedges, ⅝" butt. Each ..... **.05**

Approximate shipping weight, 60 lbs. per 100 boards. Shipped in bundles of 50 or 100.



NUTRIA PELTING BOARD

The very finest in nutria pelting boards designed by the country's foremost nutria breeders, constructed of clear kiln dried northern basswood. Smoothly sanded, rounded edges. The very tops in quality.

V502 Standard Female, 6" x 42". Each ..... **$ .55**
V503 Standard Male, 7" x 42". Each ..... **.55**
V504 Wedges for Nutria Boards. Each ..... **.06**

NASCO PELTING BOARDS

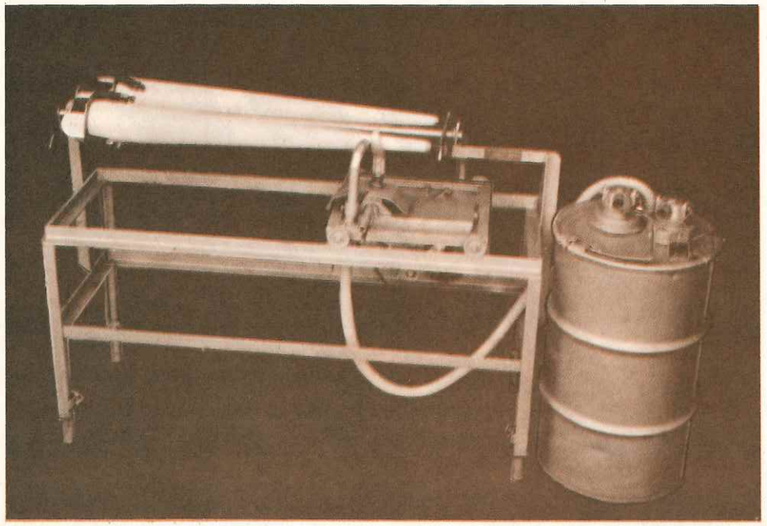
Nasco offers high-quality pelting boards at a moderate price. Made from dry basswood and sanded on both sides and edges to give you the smooth boards you need. Illustration above shows rounded edges. Made to conform with Great Lakes design. Nasco boards are packaged in bundles of 50. Wedges for all boards are listed below and are available with boards, or separately. Wt. per 50 boards, about 30 lbs.

V505 Standard Female 3⅜" x 36". Each ..... **$ .25**
V506 Standard Male, 4" x 36". Each ..... **.27**
V507 Extra Large, 4½" x 40". Each ..... **.29**
V508 Extra Long, 4" x 40". Each ..... **.29**
V509 Sanded Wedges for above boards. Each **.04**

Send $.35 for sample of Nasco pelting boards. Sample will be rushed to you. Be sure to order early to avoid delay and disappointment.

5% Cash Discount All Items This Page

LESTER MILLS POWER FLESHER



LESTER MILLS POWER FLESHER

This machine has revolutionized the mink industry. It has proven itself so completely it is hardly necessary for us to say anything about it. The fact that ranchers the country-over—yes, the world-over—keep coming back and buying additional machines, and always with the highest praise for their old ones, is the best recommendation we can offer.

Now available with double suction unit.

Air suction attachment removes the last remnant of free fat and grease, completely eliminating the problem of grease on the fur. Pelt is so clean when you finish you don't even have to wipe it off. Leaves the leather in exactly the right condition to get top dollar for it.

Powerful motors draw in the fat and deposits it in the drum. Now you can flesh the tail or the skirt without getting any grease even on the edges of the fur.

Will more than pay for itself in one season just in time saving wiping pelts. The second man on the flesher can now keep up in loading and removing pelts from the off pole and boarding.

New smoother, quieter operation. No operator fatigue. A perfect fleshing job every time. Heavy-duty ¼ H.P. motor mounts under carriage. Will last for years but simple to replace if necessary.

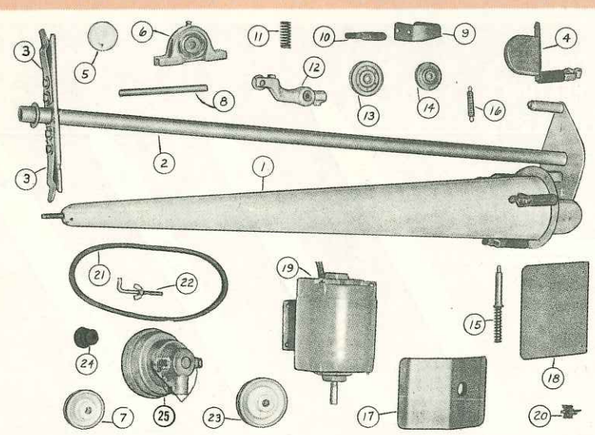
Rugged, long-lasting construction throughout. Finest non-fat absorbing fiberglass double poles. Standard size poles designed to handle both male and female skins. Special larger size male poles and slightly smaller female poles available if desired. Knife adjustable to suit operator. Precision-control of blade and carriage. Legs adjustable for height.

Height 44". Length 63". Width 22". Wt. 155 lbs.

V515 Standard Mills Flesher. (Without suction attachment.) **$295.00**

V897 Twin Motor Fat Suction Unit with 33-gal. container, two suction motors, large suction nozzle ..... **$ 85.00**

ACCESSORIES AND PARTS FOR MILLS FLESHER



(1) **V798** Standard Fiberglass Pole without Cables. Wt. 5 lbs. **$16.50**

(1) **V799** Large Male Fiberglass Pole without Cables. Wt. 5 lbs. **16.50**

(1) **V800** Small Female Fiberglass Pole without Cables. Wt. 5 lbs. **16.50**

(2) **V801** Reel Assembly (holds the two fleshing poles) **15.00**

V802 Pole Reel Locking Assembly. (Not illustrated.) **6.00**

V803 Pole Reel Locking Spring. (Not illustrated.) ..... **.50**

(3) **V804** Pole Retaining Spring Catch ..... **.70**

(4) **V805** Tension Cable with Clamp (No. 4 to hold tail) **1.50**

(4) **V806** Tension Cable with Clamp (No. 6 to hold feet) **1.50**

V807 Tension Cable Clamp Only. (Not illustrated.) ..... **.20**

(5) **V808** Nylon Cam 1½" in Diam. (for 1959 and older models) **4.00**

(5) **V809** Nylon Cam 2" in Diam. (for 1960 and newer models) **4.00**

(6) **V810** Cam Drive Shaft Bearings, each **5.00**

(7) **V811** Cam Drive Shaft Pulley **1.40**

(8) **V812** Cam Drive Shaft **2.00**

(9) **V813** Flesher Knife. Wt. 8 oz. **4.00**

(10) **V814** Knife Holder (shaft to which knife is attached) **1.60**

(11) **V815** Knife Reciprocating Spring (rocker arm) **1.00**

V963 Rocker Arm shaft ..... **.50**

(12) **V816** Rocker Arm, complete with Bearings **16.00**

(13) **V817** Carriage Wheels, each **1.60**

(14) **V818** Wheel for Carriage Hold Down Arm **1.50**

(15) **V819** Carriage Biasing Spring Assembly **2.00**

(16) **V820** Carriage Hold Down Arm Spring **.35**

(17) **V821** Inside Carriage Grease Shield (fits between knife and carriage) **2.50**

(18) **V822** Outside Carriage Grease Shield ... **1.50**

(19) **V823** ¼-H.P. Heavy-Duty Drive Motor **17.00**

(20) **V824** Motor Switch **1.00**

(21) **V825** Drive V-Belt **1.35**

(22) **V826** Belt Tightener **1.00**

(23) **V827** Motor Pulley **2.20**

(24) **V828** Neoprene Fat Deflector (fits at base of knife) ..... **.75**

(25) **V831** Air Fat Suction Motor complete **25.00**

V833 Fat Catching Pan (fits in flesher frame). Galvanized. Shaped to channel fat into outlet opening. Wt. 10 lbs. (Not illustrated.)..... **7.50**

V909 6-ft. Suction hose **8.00**

V964 Nozzle for Twin suction **2.50**

V965 Knuckle for Twin Suction **5.00**

V966 Gasket for Twin Suction container **.30**

V967 Carbon Brush for suction motor. (2 required) each ..... **.60**

V968 Brush holder for suction motor. (2 required) each ..... **.20**

MILLS POWER SKINNER

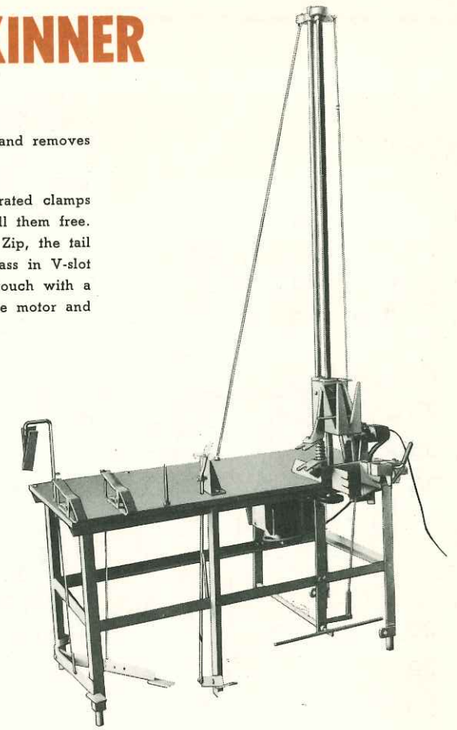
The MILLS POWER SKINNER does a complete job, clips the paws, pulls out the tail and removes the entire hide with amazing ease and speed.

To operate: Make normal cut across hind legs and around the vent. Handy, fast-operated clamps hold one paw and the tail during this operation. Using spike, loosen hind legs and pull them free. A foot-operated shears clips the paws. Insert tail in tail holder and turn on the motor. Zip, the tail is skinned out. Insert hind legs of hide and tail in holders. Slip hind quarters of carcass in V-slot and turn on motor. Holder rises, peeling hide easily and cleanly from the carcass. A touch with a sharp knife on each eye and corner of the mouth and the pelt is removed. Reverse the motor and while holder is returning to start position, ready the next mink.

Instant-stop-and-reverse motor with a magnetic brake. Foot controls. Holder automatically stops when it returns to orginal position. Large work table. Entire unit sturdily built to give you trouble-free operation season after season.

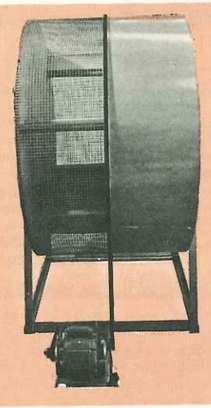
V552 Mills Power Skinning Machine **$295.00**

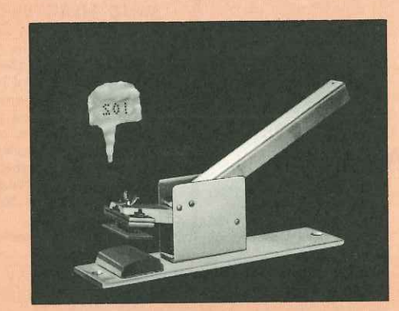
F.O.B. Fort Atkinson, Wis. Wt. 230 lbs.



Check These Important Points

- **Greater Speed**
- **Big 1-inch Diameter Auger**
- **Big 1-inch Diameter Round Support Shaft**
- **Heavy Cast Precision Bearing Assembly**
- **Positive Tail Holder**
- **Shock Absorber Spring**
- **Heavy-Duty Clamps for Initial Cut**
- **Foot Controls**
- **Auxiliary Hand Controls**





No More Grease
with the
Mills Pelting Drum

Get the Top Dollar for your pelts!

The Lester Mills Pelting Drum is the finest made. Handles 25 male pelts, 35 female pelts in each load. Male pelts require only 10 to 12 minutes. Shakes the cleaner from one load in the split drum while the next load is cleaning. Uses approximately 10 quarts of Polar Bear Cleaner for each two batches. Pelts may be cleaned leather side out or fur side out. Simple, rugged construction for maximum convenience and long life. Dimensions of drum: diameter 4 ft., width 30 in. Complete with 1/5 h.p. motor and shutoff time clock. Wt. uncrated 225 lbs.

V901 Pelting Drum, complete **$225.00**

HEIN PELT STAMP

Here is a fool-proof system that is quick, simple and positive. Punches YOUR NUMBER through the leather. Cannot be removed in dressing or any other way. A simple motion of the hand does the trick. Spring loaded plate immediately frees the pelt from the pins when handle is released.

Apply to dried pelts—number will remain easily legible through dressing.

Eliminate any doubt of ownership. Generally, the number is applied on the leg or skirt so it can be easily located after dressing, but could be applied anywhere because pelt is not damaged in any way.

No duplicate numbers are ever made. Your number will always be your identifying mark. Sh. wt. 4 lb.

V720 Hein Pelt Stamp **$34.50**

POLAR BEAR GRANULAR FUR CLEANER

Polar Bear Fur Cleaner is pellet shaped to roll in and out of the fur, penetrating clear down to the hide. It is granulated, completely dustless and odorless, and guaranteed not to discolor pelts in any way. Carries many times its own weight in liquid fur cleaner and will not stick to the fur. 50-lb. bags.

V562 Polar Bear Fur Cleaner. Per bag **$4.50**
10-24 bags, per bag **4.25**
Write for quantity prices.

FUR-CLENE LIQUID CLEANER

Used with Polar Bear cleaning compound. Fur-Clene dissolves grease and oily dirt quickly and safely. Brings out natural delicate colors and luster of the fur. Use 1 pint per 25 pelts. Complete directions included.

V563 Fur-Clene. 1-gal. can **$4.75**
V564 Fur-Clene. 5-gal can. Per gal. **3.95**

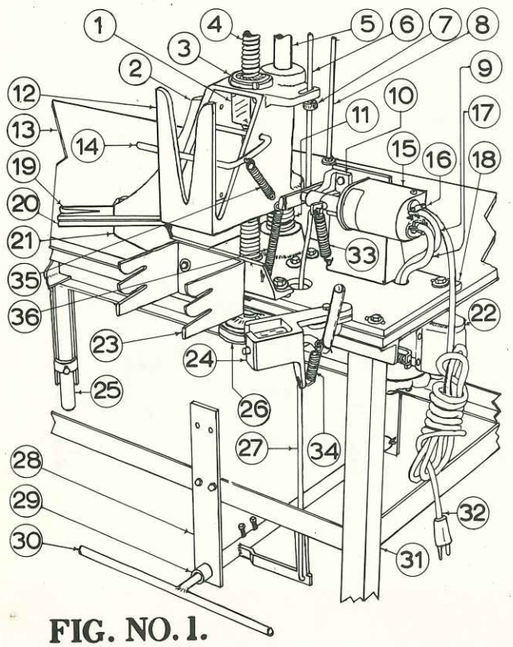


FIG. NO. 1.

FIG. NO. 2.

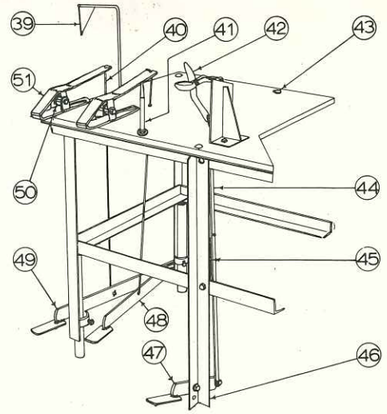
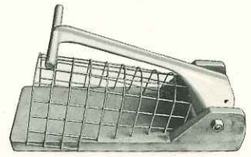


FIG. NO. 3.



MILLS NECK BREAKER

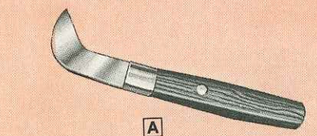
The ideal way to kill your mink. Quick, easy and merciful. Place the animal in the welded wire tunnel. It automatically moves forward in the attempt to escape. A quick flick of the handle and the head is snapped back over the body and instant kill results. No chance of tragic accidents as with dangerous chemicals. No blood or damage to pelts.

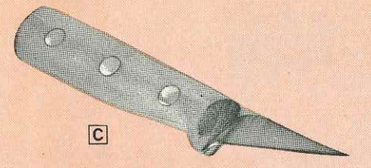
New construction offers heavy steel base plate for positive operation. New increased size in both models so that all sizes of mink can be handled quickly and easily. Wt. 4 lbs.

V554 Mills Male Neckbreaker $25.00
V555 Mills Female Neckbreaker 25.00

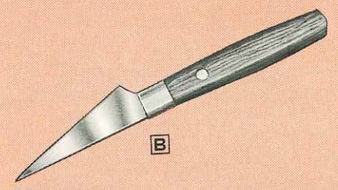
PARTS FOR MILLS SKINNING MACHINE

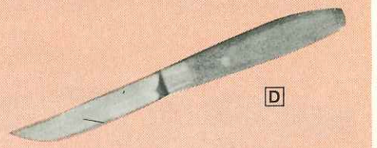
(1) **V849** Ball Nut Assembly (1" drive screw) $15.00
(2) **V863** Upper tail stripper casting 5.00
(3) **V864** Lock Nut for ball nut ..... .75
(4) **V856** Drive Screw (1"). Complete with ball nut assembly 35.00
(5) **V865** Guide shaft 6.00
(6) **V853** Control rod for automatic shut-off 1.50
(7) **V854** Control rod collar (2) each ..... .35
(8) **V866** Brace Rod (2) each 1.50
(9) **V867** Motor wire 1.00
(10) **V868** Reversing switch casting and assembly 6.00
(11) **V869** Guide shaft compression spring 1.00
(12) **V870** Main casting 10.00
(13) **V871** Top panel 6.00
(14) **V872** Carcass holder 1.50
(15) **V837** Reversing switch 8.00
(16) **V969** Wire clamps (2) each ..... .20
(17) **V970** Solenoid wire ..... .60
(18) **V971** Base casting 10.00
(19) **V972** Upper tail stripper 1.00
(20) **V973** Lower tail stripper 1.00
(21) **V974** Lower tail stripper casting 6.00
(22) **V836** Heavy duty 1/3 H.P. motor 33.00
(23) **V975** Slotted foot holder 2.00
(24) **V857** Tail holder 6.00
(25) **V976** Adj. legs (4) each 1.00
(26) **V977** Drive pulley 1.50
(27) **V862** Foot control rod 1.00
(28) **V978** Foot control bracket (2) each 1.00
(29) **V979** Foot control lever assembly 3.00
(30) **V980** Foot control pedal 2.00
(31) **V981** Machine frame 35.00
(32) **V982** Line cord 1.50
(33) **V983** Foot control rod spring ..... .35
(34) **V984** Tail holder spring ..... .35
(35) **V985** Carcass holder spring ..... .35
(36) **V986** Automatic shut-off spring ..... .35
(37) **V987** Top bearing casting 4.00
(38) **V846** Drive bearings with collars for all models prior to 1965 (upper and lower) each 4.00
(39) **V859** Tail splitter 5.00
(40) **V988** Starting clamp pull rod (2) 1.50
V989 New leg puller 8.00
(41) **V860** Skinning peg 1.50
(42) **V861** Shear and bracket 7.00
(43) **V990** Table top bolts (Rd. head) each ..... .10
(44) **V991** Shear drive bar 1.50
(45) **V992** Shear spring ..... .75
(46) **V993** Shear foot pedal bracket 2.00
(47) **V994** Shear foot pedal 2.00
(48) **V995** Starting clamp pedal (r. hand) 2.00
(49) **V996** Starting clamp pedal (l. hand) 2.00
(50) **V997** Starting clamp spring (2) each 1.00
(51) **V858** Starting clamps (2) each 4.00
V845 Brake belt ..... .75
V843 Brake assembly complete with solenoid 20.50
V844 Solenoid only 5.50
V840 Drive belt 1.40
V838 Motor pulley, 2½" for normal operation 1.75
V839 Motor pulley, 3" for fast operation 1.75
V855 Drive screw, ⅝" (Model 1961 or older) complete with ball nut assembly 25.00
V848 Ball nut assembly (⅝" drive screw) 7.00
V842 Cam only for automatic shut-off 1.50
V841 Cam assembly for automatic shut-off 5.00

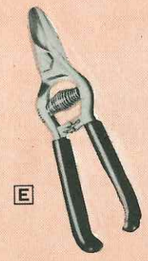


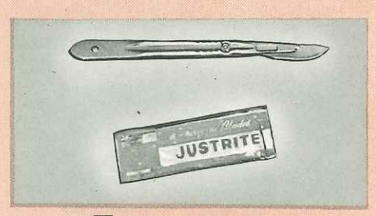


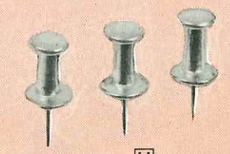
RALPH WOODS, Janesville, Wis.
Knifemaker for the mink industry for 30 years

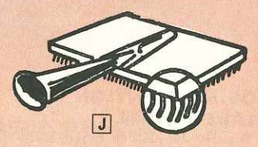












WOODS TAIL SLITTING KNIFE [A]

The same high quality steel as in skinning knife below. A real time-saver. Slit tails easily with this special shaped blade. Use tail slitting guide or use free-hand. Copper rivets and ferrule. Wt., 3 oz.

V569 Woods Tail Slitting Knife $1.50

WOODS SKINNING KNIFE [B]

Handmade of the finest steel. A favorite with ranchers the world-over for years. Each knife is individually made, polished and sharpened by this veteran craftsman. 4" wood handle. Blades vary from 3" to 3¾". Copper rivets and ferrule. Wt., 3 oz.

V568 Woods Skinning Knife $1.50

REPLACEABLE BLADE [C] SKINNING KNIFE

Improved design of a knife introduced by Nasco years ago that found immediate favor with mink ranchers. Features removable blade that can be changed by just moving two brass screws. Just slip in sharp blade, and you are back in business. Takes less than a minute. You can sharpen several blades ahead and change them while you are skinning in less than a minute. Blades made of high quality steel that holds an edge even better than former models. Contour-shape 4¾" handle with comfortable thumb rest. Razor sharp 2½-inch blade. Wt., 4 oz.

V571 Nasco Skinning Knife $2.50
V572 Replaceable Knife Blades only. Wt., 2 oz. 1.75

WOODS HEAD SKINNING KNIFE [D]

Designed for skinning around the head. 3" blade with special point to allow close, accurate work. Wt., 3 oz.

V570 Head Skinning Knife $1.50

SPECIAL FOOT CLIPPER [E]

This is the ideal tool for clipping feet. Ranchers are buying them by the hundreds. You'll never be without several pair after you've tried them.

Finest steel and precision manufactured. Nose is shaped just right for fast handling. Spring holds jaws open. Can be locked shut, as illustrated, when not in use. Comfortable plastic-covered handles. Wt., 8 oz.

H39-4 Foot Clipper $2.55

WISS FOOT CLIPPER [F]

Brass Anvil Clipper. Blades specially edged, hardened and tempered. Comfortable, molded vinyl, non-slip grips. Two-position latch for faster cutting action. All parts replaceable. 7" long. Wt. 9 oz.

H427-707 Wiss Foot Clipper. Each $2.75

FUR TRIMMING SCALPEL [G]

C413-B300 Justrite Blade Scalpel. Improved model. Scalpel and one blade. Wt. 8 oz. ..... $ .70
C414-B305 Justrite No. 21 (rounded edge) Surgeon's Scalpel Blades. Wt., ¼ lb. Per doz..... 1.80
C415-B306B Case for Justrite Scalpel and Blades illustrated above. Wt., 3 oz. Each ..... .69

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ALUMINUM PUSH PINS [H]

Most ranchers in the country now use these aluminum push pins during pelting season. Easy to use—just press them firmly into the basswood pelting board. No need to use a hammer. Easy to remove. Order a good supply of these ½"-point push pins.

V565 Aluminum Push Pins. Per 100 ..... $ 1.40
Per 1000, 12.95

NASCO TAIL SLITTING GUIDE [I]

Insert in tail as an accurate guide for knife when splitting the tail. Made of aluminum. 6" long. Wt., 2 oz.

V567 Tail Slitting Guide. Each ..... $ .35
3 for 1.00

FUR CARDING BRUSH [J]

A general purpose carding brush for use on live animals as well as pelts. Will comb out matted pelts and tag ends with special spring steel wire teeth set in composition base. Size 2¼" x 4¼".

V566 Fur Carding Brush. Regular price, $2.95.
Nasco price $2.15

COMBINATION OILSTONES [K]

For sharpening hand tools. Silicon carbide with one coarse and one fine face. Coarse side for sharpening very dull tools, fine side for giving keen, smooth edge. Size, 6" x 2" x 1". Wt., 1 lb.

T579-JB6 Oilstones. Each $2.68

FLESHING TOOLS

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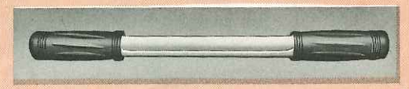
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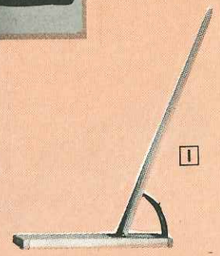
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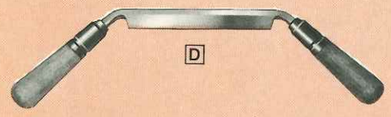
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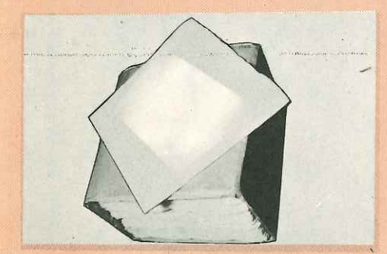
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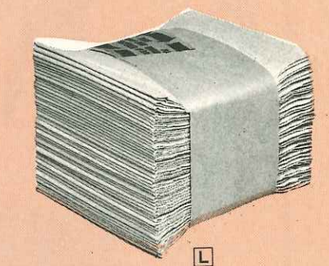
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WOODS FLESHING TOOLS

NASCO offers the full line of famous Woods hand fleshing tools. Each tool is hand-made by an experienced blacksmith.

Large Fleshing Tool with 6½'' long blade, 1¾'' wide. Curved scraping side with straight 3½'' blade on top side. Large 5'' handles. Overall length, 16½''. Wt. 10 oz.

A **V577** Woods Flesher. Each **$3.00**

Popular 6½'' Curved Blade. Blade is 1¼'' wide, not sharpened on top side. Easy-to-grip 5'' handles on each side. Overall length 17''. Wt. 12 oz.

B **V579** Curved Blade Flesher. Each **$3.00**

Curved 6'' blade fleshing knife with sure-grip hand-made 4¼'' handles fastened with copper rivets. Works equally well on round or oval fleshing beams. Overall length 14''. Wt. 12 oz.

C **V580** Curved Flesher. Each **$2.75**

Many ranchers prefer this draw shave type fleshing tool. Blunt fleshing surface is 5'' long. Sturdy construction with easy-to-grip wooden handles. Wt. 1 lb.

D **V581** Draw Shave Fleshing Tool. Each **$2.75**

DOUBLE WIRE FLESHER E

Ranchers who prefer a wire flesher will go for the Nasco twin wire unit. Two wires instead of one for added speed and ease of operation. Aluminum alloy construction with special phosphorous-type wire. Adjustable tension on wires. Easy-grip rubber hand grips that will not slip when hands are greasy or wet. Wt., 1½ lbs.

V586 Double Wire Flesher ..... **$ .50**

NASCO FLESHER F

Popular double-edged flesher with positive grip handles. One-piece construction for added strength and rigidity. Fleshing edges ground to the proper angle to remove the fat without tearing or cutting the pelt. Wt., 1 lb.

V585 Nasco Flesher. Each now **$1.00**

JOE MILLER NYLON G BLADE FLESHER

Popular Joe Miller nylon blade fleshing stick with a replaceable blade. Hard maple frame. Blade is tough nylon for long lasting service. Wt., 1 lb.

V587 Nylon Blade Flesher **$3.75**
V588 Extra Blade, only ..... **.90**

ROUND FLESHING POLES H

Solid hard maple fleshing poles expertly turned and finished to offer you the best in this line. Suitable for use with overhead mounting for hot fleshing method, or for bench mounting for conventional fleshing methods. Length, 40''. Butt end turned to fit snugly into bench mount. Mounting bracket electrically welded for long life.

V590 Female Round Maple Fleshing Pole, only **$8.00**
V591 Male Round Maple Fleshing Pole, only **8.00**
V592 Bracket for bench mounting, only **2.95**

JOE MILLER ADJUSTABLE I FLESHING BEAM

Adjustable bench type fleshing beam. Pine base. Finest quality thoroughly seasoned oval beam. Beam can be raised or lowered to suit operator. Accommodates either male or female pelts. Wt., 15 lbs.

V589 ..... **$12.75**

NASCO PELT WIPING NAPKINS J

A real favorite of ranchers throughout the country for the last four years. Big, soft, tough 3-ply dinner napkins. These are ''seconds'' resulting from imperfections in folding or similar reasons which no way impair their utility as pelt wipers, yet we can offer them at only a fraction of the cost of regulars. 17'' x 17''. Packed approximately 125 napkins per 3-lb. package. 16 packages per carton.

V576 Pelt Wiping Napkins, 3-lb. package **$ .85**
Pelt Wiping Napkins, carton of 16 packages **12.95**

5% Cash Discount All Items This Page

WHITE COTTON WASTE K

Highly absorbent, white clean cotton waste. Shredded into long stringy form. Particularly suited for use with power fleshing machines. Operator follows knife with handful of cotton waste to remove excess fat. Nothing to wash or bother with—just throw away when it will not absorb any more fat. Packed in 25-lb. shipping cartons. We do not break cartons.

V574 Cotton Waste. 25-lb. box **$7.50**

WHITE COTTON WIPING RAGS

Sterilized washed cotton wipers. All buttons, hooks, removed. No silks, rayon or other synthetic material. Ideal for pelt wipers. Minimum size 24'' x 24''. Packed in 25-lb. cartons. We do not break cartons.

V575 Cotton Wiping Rags. 25 lbs. **$9.25**

PAPER PELT TOWELS L

The finest pelt wiping material we have ever encountered. Rough and tough but so very soft. Cloth-like conformability. Soft, clean, lint-free and highly absorbent. Capacity for soaking up fats is greater than cloth. Absorbency speed 3 times faster than cloth towels. 13'' x 15''. 50 wipers per package. Packed 24 packages per carton.

V582 Paper Pelt Towels (Kimtowels), per pk. of 50 ..... **$. 65**
V583 Paper Pelt Towels (Kimtowels), per carton of 24 packages **15.00**
V584 Metal Dispenser Case (holds package of 50) **1.00**

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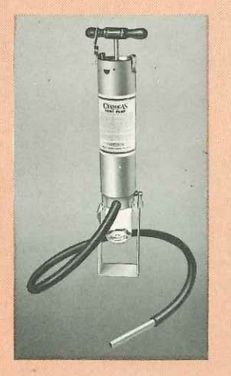
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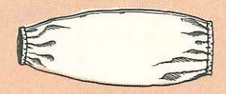
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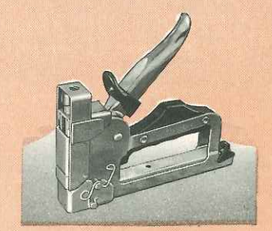
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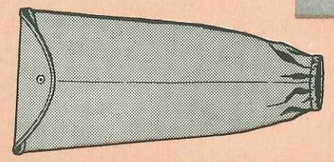
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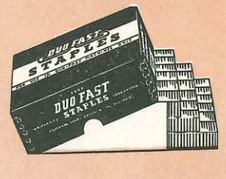

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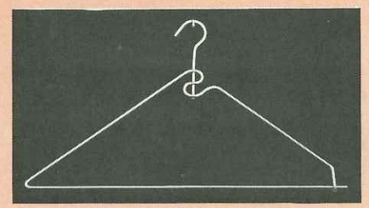
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CYANOGAS CRYSTALS AND DUST A

More and more ranchers are using Cyanogas to kill their pelters each fall. Your choice of Cyanogas crystals or ''A'' dust. Just put Cyanogas in closed box with compartment for several mink. Mink die quickly and painlessly in a very short time. Shipped express only—not mailable.

E27 5-lb. can Cyanogas ''A'' Dust **$4.75**
E26 1-lb. can Cyanogas ''A'' Dust **1.50**
E406 5-lb. can Cyanogas Crystals **2.95**

BLACK LEAF 40 B

Many prefer this quick, easy method of killing at pelting time. Inject Black Leaf 40 (Nicotine sulphate) with a needle into the heart region. Death is instantaneous.

A very effective, safe method that has been a standard on many ranches for years.

D231 Black Leaf 40 in 12 oz. Bottle. Shipping Wt. 14 oz. ..... **$ 3.98**
D233 Black Leaf 40 in 10 lb. Tin. Shipping Wt. 11 lb. **27.00**

CYANOGAS PUMP C

Here is the easy, painless, humane way to kill your pelters. Just attach this Cyanogas pump to a can of Cyanogas ''A'' Dust, and give each mink a lethal whiff. Also very effective for rodent control. Just blow ''A'' Dust into killing box, and then with special cut-off, blow in blast of air which carries dust to mink.

E29 Cyanogas Pump **$17.50**

WATERPROOF PLASTIC SLEEVE D

An easy-to-clean, neat-looking sleeve. 16'' long. Elastic at both ends. Sh. wt. 3 oz.

A27 Plastic Sleeve **$1.45**

PLASTIC FABRIC SLEEVE E

Has elastic at wrist end which holds sleeve in place. Eyelet at shoulder. Wt., 5 oz.

A26 Fabric Sleeve. Each **$1.25**

DUO-FAST STAPLE GUN F

Here is a general purpose staple gun tacker of a hundred uses. Easy one-hand operation, just position tacker and compress the handle. The staple is driven right where you want it. Follow-through drive assures positive tacking. Ideal for close corners and overhead work. Easy to clean. Holds 86 Duo-Fast staples. Precision made with quality materials and workmanship. Uses ¼'', 5/16'', ⅜'', and ½'' heavy wire staples. Wt. 2½ lbs.

G292-CT859 Duo-Fast Staple Gun **$12.50**

Extra Staples for Duo-Fast Staplers G

G584-508 ¼'' Staples. Box of 5,000. Sh. wt. 1½ lb. **$2.30**
G585-5010 5/16'' Staples. Box of 5,000. Sh. wt. 1½ lb. **2.50**
G586-5012 ⅜'' Staples. Box of 5,000. Sh. wt. 1 lb. 10 oz. **3.10**
G587-5016-C ½'' Staples. Box of 5,000. Sh. wt. 2 lb. 3 oz. **2.85**
G588-5018-CR 9/16'' Staples. Box of 5,000. Sh. wt. 2½ lb. **3.45**

POLYETHYLENE PELT BAGS H

The ideal way to temporarily store your pelts after skinning. Completely prevents any drying out or deterioration. Made of heavy six mil transparent polyethylene. 36'' x 24''. Used by prominent ranchers throughout the country.

V599 Polyethylene Pelt Bags. Each ..... **$ .35**
Quantities of 12 or more, each ..... **.30**

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PELT HANGERS I

The most efficient and practical method of handling and drying pelts. Just slip desired number of pelts on these sturdy metal hangers. Pelts can be evenly spaced to allow air to circulate freely. No bothersome unwinding wires to add more pelts to each hanger. Just lift bottom bar out of holder and add or remove pelts as desired. You will be amazed at the time these handy pelt hangers save during the busy pelting season. Wt. 1 lb.

V597 Pelt Hanger. Each ..... **$ .35**; Per 25 ..... **$7.50**

RUBBER BANDS—Top Quality J

High quality rubber bands to hold tail on pelting boards. Size, ¼'' wide x 2½'' long. Thickness, 1/32''. Approximate count per lb., 740.

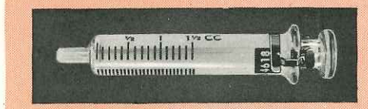
V598 Rubber Bands. Per lb. **$2.00**

ALUMINUM PELT TAG K

The ideal method of permanently identifying your pelt bundles or individual pelts. Permanently attached with a special fastening plier. Can be applied in any convenient location. Will not affect or injure valuable pelts. The strong aluminum tubular rivet seal is Tamper-Proof. Cannot be removed or reused without detection. Tags can be stamped with serial numbers, customers' code lettering, name and address, etc. Have removable tab to facilitate record keeping. Prices include identical lettering and consecutive numbering on tags.

Z1628 Pelt Bundle Identification Tag: **$15.00**/1,000; quantities over 5,000 tags, **$10.00**/1,000. Orders less than 1,000 add **$4.00** set-up charge. Less than 5,000 add **$2.25** set-up charge.

Z1629 Special Sealing Plier. Each **$2.50**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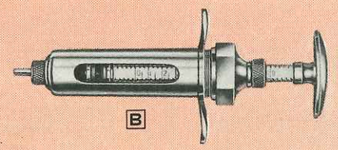
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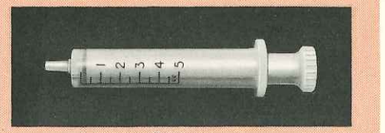
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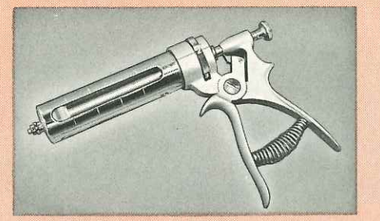
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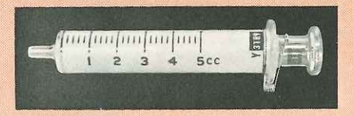
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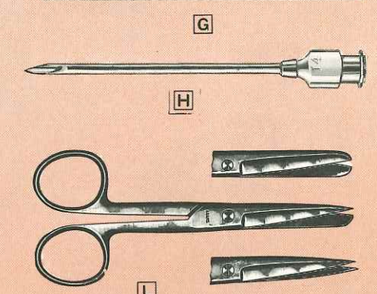
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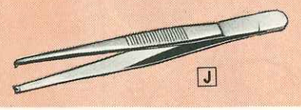
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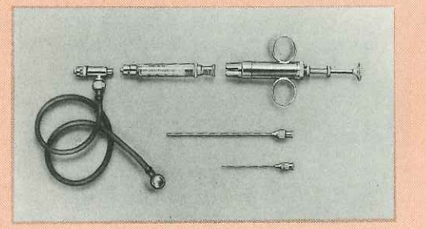
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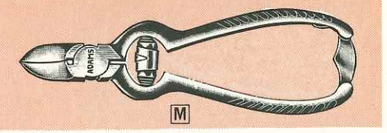
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NASCO 1½cc. SYRINGES [A]

American made syringes. Manufactured by one of the oldest, best recognized medical syringe companies. Precision ground. Barrel and plunger numbered to facilitate reassembly after sterilizing. Sh. wt. 2 oz.

A16 Nasco 1½cc Syringes. Each **$1.31**

NASCO 2cc SYRINGE

Sturdy, economical glass syringe. Will stand unusual strain. Precision ground. Has baked-in markings. Can be easily and perfectly sterilized. Will stand extreme heat. Barrel and plunger of each syringe is numbered alike to make reassembly easy after sterilizing. Sh. wt. 2 oz.

A15 Nasco 2cc Syringes. Each **$1.16**

NASCO SYRINGES [B]

Nasco Veterinary Syringes are manufactured by a well-known instrument company. They are high-quality instruments used by professionals. To meet all needs, Nasco offers a large selection of sizes. Also, syringes are made up in sets.

C324-102 10cc Capacity Heavy Duty Syringe graduated in ½cc's for Hog Cholera Virus, Vaccine, and for other uses. Wt., 7 oz. Each **$2.70**

Note: Needles not included.

C325-101 5cc Capacity Heavy Duty Syringe in ¼ cc's especially adapted for fine dosage, small animals and poultry. Wt., 5 oz. Each **$2.55**

Note: Needles not included.

C326-47-L 2½cc Capacity Intradermal Syringe graduated in mm's. Crutch top Luer slip. Wt., 2 oz. Each **$3.50**

Note: Needles not included.

C327-51A—Serum Filler Needle with Vent. Inserts into serum bottle at one end and attached to syringe at other. Wt., ½ oz. Each **$1.40**

NYLON SYRINGE [C]

Precision-made, high-quality, tough, Nylon Syringe calibrated 1 to 5cc. Indestructible under normal conditions. Can be hot or cold sterilized. Instructions with each syringe. Accepts all needles. Ship. wt 3 oz.

C1842 Nylon Syringe **$2.95**

PLASTIC SYRINGE [D]

A reusable syringe, adaptable for all needles. This syringe is accurately calibrated with 12-cc positive stops. Plastic pins placed in holes on the plunger insure just the right quantity—no overdose or underdose. Calibrations are completely accurate and set in bright red for easy reading. Comes with 2 plastic pins. Sh. wt. 2 oz. Needle not included.

C1265 Plastic Syringe ..... **$ .65**

POLYSTYRENE PLASTIC [E] SYRINGE (2.5cc)

A disposable-type Luer tip syringe ready for immediate use. Polystyrene barrel and plunger with rubber tip. Sh. wt. 2 oz.

A427 Polystyrene Plastic Syringe. Each ..... **$ .10**

AESCULAP AUTOMATIC SYRINGE [F]

50cc capacity. Graduated 1cc. Excellent for multiple injections. Smooth, easy, trigger action.

C2350 Aesculap Automatic Syringe **$28.95**

5cc GLASS SYRINGE, Glass Tip [G]

Hospital grade, has Luer trip to take connector tubing. 5cc in 1/10cc and minums. Sh. wt. 3 oz.

A18-1205 Per dozen **$26.40**
Six for **13.80**
Each **2.40**

NASCO STAINLESS NEEDLES [H]

Hubs designed for easy handling with wet fingers. Each needle has a hand-ground, straight-taper, non-plugging point.

	ORDER BY LENGTH AND GAUGE	
C328	14 Gauge, inches	½-¾—1-1½
	16 Gauge	½-¾—1-1½
	18 Gauge	½-¾—1-1½
	20 Gauge	½-¾—1-1½

Wt., 1 oz. Price, each ..... **$ .25**
Dozen Assorted Needles. Wt., per doz., ¼ lb. **2.00**

VETERINARY ANATOMY KIT [I]

Contains: Instrument roll with 18 adjustable loops and an end pocket for instruments. Replaceable blade scalpel handles No. 3 and No. 4, ½ dozen each scalpel blades No. 11 and No. 23, Heavy duty veterinary scalpel, cartilage knife, flexible probe, heavy probe and seeker, thumb dressing forceps, 1 x 2 teeth. 5½" Surgical scissors, straight, blunt sharp points, 5½" probe and seeker with curved knife point, flesh hook, regular, 2¼" flesh hook, heavy 3¼".

C393-A211 Veterinary Anatomy Kit. Wt., 1 lb. **$21.00**

DRESSING FORCEPS [J]

(Stainless Steel.) 5½" long. Most popular forcep. Ship. wt. 3 oz.

K154-B630C Forceps **$1.30**

CORNWALL INJECTION OUTFIT [K]

Consists of 2cc Luer-Lock syringe with automatic return plunger and screw attachment for automatic measurement of repeated doses, two-way valve, rubber tubing, and filling tube. Useful in treating Newcastle disease in poultry, laboratory work on Bang's disease and Mastitis, and other instances requiring repeated, measured amounts. Wt., 1 lb.

C406-1251VF Cornwall Outfit **$15.15**

SURGICAL SCISSORS [L]

For use in cutting skin, tissue membrane, or muscle. Made of tempered steel, chrome plated. Available in the three types of blades illustrated.

K124-B820 Blunt-blunt, straight, 4½" **$2.80**
K125-B825 Sharp-sharp, straight, 6½" **2.80**
K126-B830 Blunt-sharp, straight, 5½" **2.80**

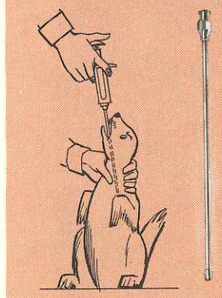
BONE CUTTING FORCEPS [M]

For cutting small bones. Screw locked, nickel plated, 5½" length.

K129-B1304 Bone Cutting Forceps. Each **$4.50**

5% Cash Discount All Items This Page

NASCO, INC., Fort Atkinson, Wisconsin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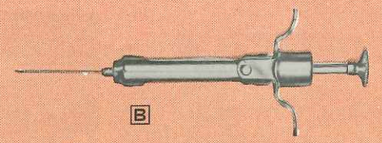
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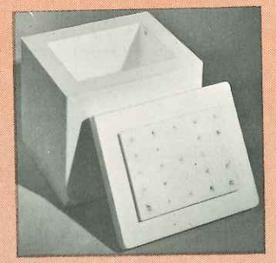
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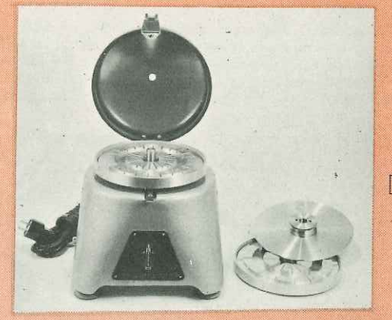
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MINK FORCE FEEDING TUBE [A]

Don't lose mink that go off feed whether the cause is virus, enteritis, or some other reason. Ranchers report that force feeding saves many animals during the year.

This tube, developed by Harvey Schroeder, is ideal for getting feed and medication directly into a mink's stomach. Fits any standard syringe. Have several on hand.

V671 Each ..... **$ .95**

QUICK-LOADING TUBEX SYRINGE AND READY-PACKED PENICILLIN DOSES [B]

A safe, quick and easy way to inject veterinary penicillin. Just fit pre-packed sterile Tubex containing penicillin into Tubex syringe, attach new needle and it is ready to use. In one minute, you can set up and inject an accurate dose. No needles or syringe to sterilize. Each Tubex has sterile needle. Order one Tubex syringe, Tubex as needed.

C1050-99B71 Tubex Syringe. Wt. 2 oz. **$1.39**

[G] BICILLIN FORTIFIED

Bicillin Fortified 600 injection in the 1 cc Tubex vial, packed with sterile needle. (See Tubex syringe.)

C1051-IF405 Pkg of 10 vials. Wt. ½ lb. **$15.00**

LENTOVET TUBEX (not illus.)

Special product for initial high, followed by prolonged penicillin blood levels. Each contains 300,000 units of crystalline procaine penicillin G and 100,000 units pectinated crystalline potassium penicillin G suspended in peanut oil containing 22% (W/V) aluminum monostearate.

C1052-IL263 10 Tubex and Sterile Needles. Wt. 3 oz. **$4.95**

LENTOVET TUBEX PENICILLIN

Each contains 300,000 units of procaine penicillin G in oil (with aluminum monosterate). Special for prolonged blood levels.

C1053-75R38 10 Tubex and Sterile Needles Wt. 3 oz. **$4.33**

NFZ PUFFER [D]

Flexible plastic tube puffs out germ-killing nitrofurazone, which acts as an antiseptic and an anti-bacterial agent. 45 gram bottle. Sh. wt. 3 oz.

C1290 NFZ Puffer **$1.95**

WYETH'S TRIBIOTIC OINTMENT [E]

Has fast-spreading, new base to deliver three-way germ-killing action.

Each tube contains 3.75 grams. Includes 100,000 units of penicillin G, equivalent of 50 mg. of dihydrostreptomycin and 5,000 units of baciitracin in special non-irritating base. For prevention and treatment of disease caused by Streptococcus agalactiae, Streptococcus dysgalactiae, Aerobacter aerogenes, Escherichia coli and bacitracin-sensitive strains of staphylococci and streptococci resistant to penicillin and sulfonamides. Wt. per 12 tubes, 2 lbs.

B349-1A412 Per dozen tubes **$8.59**

NFZ SOLUBLE [F]

FOR MINK. Effectively controls Gray Diarrhea in mink. Results in pelts of better quality and larger size. Economical—costs only about 20 cents per mink for 21-day treatment.

C2291—NFZ Soluble. 165 gram bag **$1.12**

INJECTION BICILLIN FORTIFIED [G]

Use for treatment of pneumonia, pyelonephritis, and other animal diseases responding to penicillin. Provides uninterrupted penicillin blood levels for more effective penicillin action. Treatment costs reduced because of single injection advantage. Each cc contains 150,000 units Bicillin and 150,000 units procaine penicillin G in stabilized aqueous suspension. Administer by intramuscular injection only.

C2211-416 Bicillin fortified 300 injection in 10cc vials, per vial—300,000 units per cc. Wt. ¼ lb. ..... **$ 3.17**

C2212-416 Bicillin fortified 300 injection in 50cc vials, per vial—300,000 units per cc. Wt. ½ lb. **12.95**

THERMO BUCKET [H]

An insulated pail for maintaining a temperature either warm or cold of any material. Ideal for keeping vaccines warm—maintaining warm water—or keeping anything cold.

Galvanized metal pail with a thick walled expanded polystyrene liner and snug fitting lid. Just about the slickest ice bucket or picnic box you've ever come across, too.

B843 Thermo Bucket. Sh. wt. 4 lb. 2 oz. **$3.95**
B895 Extra liner **1.60**
B896 Extra cover ..... **.65**

COLD STORAGE AND SHIPPING CONTAINER [I]

Extra thick wall (1⅛") expanded styrene box for preserving or shipping dead mink for posting, or other purposes. Slip specimen into poly bag and pack in ice or dry ice. Will hold temperature for as long as 72 hours. Inside measurements 7¾" long, 5¾" wide and 7¼" deep. Just the right size for convenient shipping. Has separate tough fiber board outside protective shell if desired, so that it is all ready for mailing. Has pillow type cover for completely tight lid seal. Originally designed for shipping frozen semen when temperatures as low at 300° below 0 must be maintained while in transit.

AT267 Cold Storage Shipping Box. Sh. wt. 1 lb. **$5.25**
Twelve or more, each **4.50**
AT267A Fiber board outside shell **1.00**

ADAMS MICRO-HEMATOCRIT [J] CENTRIFUGE

High speed, efficient machine for separation of serum and red cells in 3 minutes. Cool and quiet in operation at its 12,500 RPM speed, 15,500 relative centrifuge force. Machine stops automatically at 90 seconds. Heavy-gauge steel cover secured by oversize safety lock. "Make-or-break" safety switch prevents machine from starting unless cover is properly closed. Has 10' strain-relieved, heavy-duty, three-conductor cord with 2-prong plug adaptor. Universal type motor draws 138 watts on 110-115v, 50-60 cycle AC current. Controlled by adjustable 1 to 30 minute automatic timer. Permanently lubricated ball bearings. Base 10" x 11", height 9½" with cover closed.

Z2072-CT-2900 Micro-Hematocrit Centrifuge, complete with base and 24 place head with cover. Wt. 25 lbs. Ship. wt. 30½ lbs. **$187.50**

Z2073-A2215A Transformer for operation on 220V, 50-60 cycle current **12.00**

PRECISION MADE CAPILLARY TUBES

Non-Heparinized blue tip capillary tubes for Micro-Hematocrit Centrifuge. 75mm x O.D.1.2-1.4mm. Fire polished tip. Packed 100 tubes per vial.

V873-A-2931 Capillary Tubes. Per Vial ..... **$ .95**
Per Dozen Vials **10.26**

5% Cash Discount All Items This Page

NASCO, INC., Fort Atkinson, Wisconsin

MITY MIKE-KIT DETECTOR

SENSATIONAL DEVICE TO DETECT THE PRESENCE OF NEWLY BORN KITS IN NEST BOX.

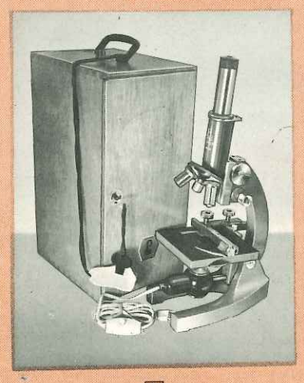
Pays for itself over and over again in those litters you save. Just hold the handy microphone which is built into the front of the unit against the side of the nest box—the receiver to your ear—press the switch and you pick loud and distinctly every sound inside the box. Particularly sensitive to the tonal range of the kit squeal. With a little practice you can almost pin point the number of kits. No disturbing the female. Because of its great ability to pick up even the faintest sound, one can easily locate a crying kit that has fallen to the ground or detect the plaintive cry in a litter that needs immediate attention.

A monaural 5 transistor push-pull audio amplifier unit. Operates on tiny 9 volt transistor type battery available anywhere. Has volume control to adjust for proper reception. Switch conveniently located on the handle. 9" long and weighs 1½ lbs. 40" cable connects to earphone receiver.

Great for picking up any sounds or voices at a distance.

V1007 Mity Mike Kit Detector **$23.85**

SPERM CHECKING MICROSCOPES



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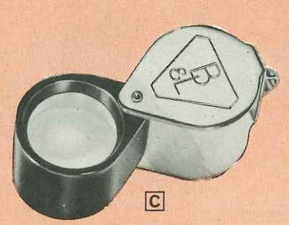

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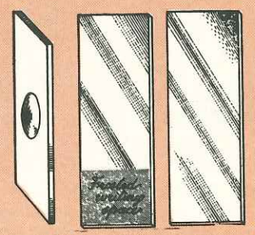

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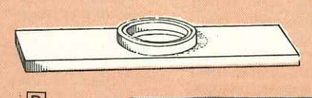

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PROPPER DELUXE MICROSCOPE [A]

This low cost microscope with wide field optics embodies many features found only in the costliest scopes. Meets and exceeds the most exacting professional specifications.

This scope makes sperm checking real easy. A precision made wide field microscope with crystal clear magnification of 50x, 100x, and 400x. Solidly weighted and perfectly balanced stand. Inclinable to 90°. Triple revolving dust-proof nose piece with 3 coated objective lenses. Rack and pinion coarse focusing and lever type extra fine vernier focusing. Knob on both sides. Mirror fork easily removable for replacement with electric illuminator. Rotatable disc diaphragm for varying light to optimum desired.

Equipped with mechanical stage (not standard equiipment), you can smoothly move your sperm slide horizontally and vertically with 2 handy adjusting hooks so that you can quickly and easily view the entire area of the smear and know you have seen everything that is there. This is an accessory well worth the extra cost.

Complete with fine hardwood case.

K279-SDA Propper Deluxe Microscope **$79.00**

K280-SD31 Electric illuminator (fits mirror fork) **7.00**

K289-SD21 Mechanical Stage—ungraduated **27.00**

PROPPER SPERM CHECKING [B] MICROSCOPE

This is the finest microscope we have ever had the pleasure of offering for anywhere near this amount of money. Excellent optics with sharp, clear resolution throughout the entire wide field of view. Precise, smooth working, ruggedly built mechanical parts add up to the ideal unit for the mink rancher. Gives you everything you need and more—at a price that just can't be beat for this quality.

Built-in rack stop eliminates damage to optics and broken slides. Double revolving nose piece affording 100 power or 400 power magnification (100 power is the ideal for sperm checking) as you may desire.

Rotating disc diaphragm permits you to adjust light for optimum viewing.

Mirror easily removable for replacement with finest electric illuminator.

Complete with fine hardwood case.

K278 Propper Microscope **$65.00**

K280 Electric illuminator (fits in mirror fork) **7.00**

HASTINGS TRIPLET MAGNIFIER [C]

A high-power optical instrument with spherical and chromatic aberration correction. Available in four power strengths. Folds into metal carrying case. Nickel finish with ring for attaching to chain. Illustration approximately same size. Av. ship. wt. 4 oz.

	Power	Lens Diameter	Focus	Price
G570	7x	18mm	1½"	$12.00
G571	10x	14mm	1"	12.00
G572	14x	11mm	¾"	12.00
G573	20x	8mm	½"	17.50

LIQUILOC CULTURE SLIDE [D]

Circle. Cavity is 18 mm. diameter, 2.5 mm. deep. Complete with cover slips.

LS1193 Per box of one doz. ..... **$ 3.50**
Per gross **38.00**

LIQUILOC CULTURE SLIDE—Not illustrated

Rectangle. Cavity is 22x40 mm., 3 mm. deep. Complete with cover slips.

LS1194 Per box of one doz. **3.50**
Per gross **38.00**

MICROSCOPE SLIDE GLASSES [E]

K143-STG Microscope Slides. Clear white, size 1" x 3" with ground edges. Wt., 4 oz. per doz. Doz. ..... **$ .20**

K144-STGE Microscope Slides. Clear, size 1" x 3", frosted end. Wt., 4 oz. per doz. Doz. ... **.25**

K145-CCS-1 Microscope Slides. Clear, size 1" x 3", concave center. Wt., 4 oz. per doz. Per doz. **1.70**

K291 22x22mm Square Cover Glasses. For covering material on slides before viewing. 2mm. Diamond brand. Square. Per box of 100. Wt. 1½ oz. **1.25**

MINK SEMEN [F] COLLECTING DROPPERS

A special dropper for semen collection. Clear plastic droppers made especially for this purpose. Order several for use with the microscopes listed on this page. Wt. 4 oz. per dozen.

V694 Semen Collecting Dropper. Each ..... **$ .39**

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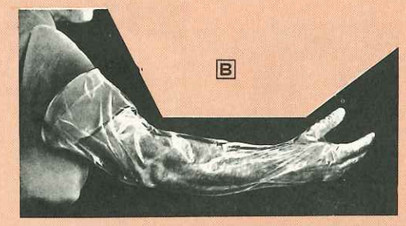

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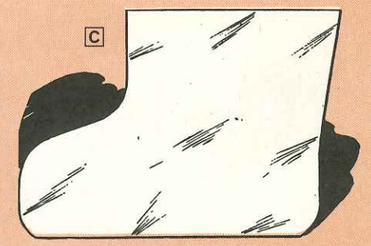

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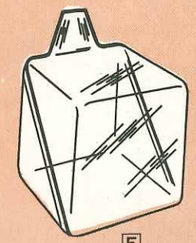

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SPARE YOUR HANDS [A] WITH HANDGARDS

If your skin is sensitive or allergic to reagents, HANDGARDS are the answer to your problem. These all-purpose plastic gloves in the new long cuff length fit so smoothly you'll hardly be aware you're wearing them. HANDGARDS are reusable, but they're so inexpensive you won't mind using a fresh pair whenever you wish. Chemical and alkali resistant, they give positive protection to your hands. Handy dispensing roll of 48 gloves.

W5296 Small. Roll of 48 ..... **$2.79**
W5297 Medium. Roll of 48 ..... **2.79**
W5298 Large. Roll of 48 ..... **2.79**

HEAVY SHOULDER-LENGTH GLOVE [B]

- Gloves are watertight, seams strongly welded.
- Gives full arm protection.
- Made of tough 1¼-mil, yet provides sensitive touch.
- Universal size, conforms to shape of hand.
- Sanitary, prevents spread of disease.
- Save valuable time, no washing or drying involved.
- Pre-powdered from shoulder to fingertips.

A496 Heavy-Gauge Shoulder-Length Gloves.
100 (Ship wt. 3½ lbs.) ..... **$ 4.00**
1,000 (Ship. wt. 41 lbs.) **38.00**
5,000 Per 1,000 ..... **37.00**
10,000 Per 1,000 ..... **35.00**

NASCO PLASTIC BOOTS [C]

Here's just the boot you will need to prove to your rancher friends you carry no disease from one ranch to another. Slip on, then dispose of them. Made of heavy gauge polyethylene. Fits all sizes of shoes. Always handy to keep a few in the glove compartment. Come 50 boots per roll. Wt., 2 lbs. per roll.

A343 Roll of 50 Boots **$5.75**

SHORT SURGEON'S [D] LATEX RUBBER GLOVES

Same as used by surgeons. Manufactured by large latex rubber plant. High quality. Sizes 7, 8, 8½, and 9. Davol natural latex with rolled wrist. Wt., per pair, 3 oz.

A23 Size 7 Surgeon's Gloves. One pair ..... **$ .85**
A24 Size 8 Surgeon's Gloves. One pair ..... **.85**
A24A Size 8½ Surgeon's Gloves. One pair **.85**
A25 Size 9 Surgeon's Gloves. One pair ..... **.85**

DUGAN'S RU-KAY [E]

Triple action against excessive bleeding. Protects pregnant females and kits **before, during** and **after** whelping.

RU-KAY is synthetic Vitamin K combined with Vitamin D (Rutin) and Vitamin C in a highly purified, concentrated water soluble powder form.

A remarkable new formula, exclusively compounded to give females and new-born kits a natural anti-hemorrhagic mechanism. Easier to handle and less expensive than oil. One tablespoonful for every 400 females—a total of less than 20 cents a day for all 400.

Feed to females from February thru about June 15. Kits until 4 weeks old.

V742 Ru-Kay, 1-lb. jar ..... **$ 6.50**
V743 Ru-Kay, 4-lb. jar **25.00**

VETERINARY COD LIVER OIL (Concentrate)

The finest concentrated Cod Liver Oil. Nothing to compare with it. Another fine Taft Pharmaceutical Co. product.

Fortified with 12,000 Units Vitamin A and 2,400 Units Vitamin D per 4 Gm (1 tsp.). Processed in a special base of fatty acids necessary to improve fur and bone structure of mink. One tablespoonful supplies all the necessary Vitamin A and D plus special base oils for 100 mink at a total cost for the 100 of only 2½ cents per day.

V747 Veterinary Cod Liver Oil. 1 pt. **$2.00**
V748 Veterinary Cod Liver Oil. 1 gal. **9.75**

PHOSPHORIC ACID [F] IN DISPOSABLE CONTAINER

Phosphoric acid is a very important ingredient in mink feed rations. Tests indicate this acid, in addition to its food-preserving qualities, will also reduce the possibility of urinary calculi in your mink. Phosphoric acid is in itself a natural food, not a foreign chemical.

We supply high-quality, food grade, 75% phosphoric acid. It is recommended that phosphoric acid be fed at .6% of the dry ration before water.

Packaged in a new plastic disposable container. No more deposit charges. Reduced shipping charges because it is not necessary to return carboy when empty. Polyethylene container is packed in protective cardboard shipper. Wt. empty, 2½ lbs. Wt., filled with 5 gals. phosphoric acid, 67 lbs. Old style 6½-gallon glass carboy weighs 39 lbs. empty. You save shipping charges and deposit with new packaging. Convenient pouring spout. F.O.B. Fort Atkinson, Wis.

V678 Phosphoric Acid. 5 gallons with disposable container **$10.80**
V680 6½ gal. (85 lbs.) Carboy Phosphoric acid **10.80**

CAST ALUMINUM SCOOPS [G]

A favorite with farmers and ranchers for many years because it is lightweight, will not rust, corrode, bend or dent. Cast aluminum construction. Won't spark.

G574 1-lb. cap. Sh. wt. 13 oz. Each **$1.49**
G575 2-lb. cap., 5" x 12½". Sh. wt. 1 lb. 2 oz. Each **2.05**
G576 3-lb. cap., 6" x 14½". Sh. wt. 1 lb. 11 oz. Each **2.95**

FARM SCOOPS [H]

Practical, well-balanced, strongly made scoops for feeds, seeds, grains, fertilizers, barn lime, etc. Steel braces as illustrated with wood handle. Galvanized steel.

C1012-001G 2-qt. Scoop. Wt., 1¼ lbs. **$1.16**
C558-0G 4-qt. Scoop. Wt., 1½ lbs. **1.45**
C559-1G 6-qt. Scoop. Wt., 2 lbs. **1.64**

NASCO WHEAT GERM OIL A

NASCO offers the finest wheat germ oil on the market at the lowest price. An animal grade oil with all the qualities of a product for human consumption. Solvent extracted. Guaranteed analysis contains not less than 56 I.U. Vitamin E per fluid ounce. A rich natural source of the "Fertility Vitamin E" complex, including Alpha, Beta and Gamma Tosopherols and the Linoleic and Linolenic vitagens.

V672 Wheat Germ Oil. Per gal. Wt. 8 lbs. ... **$11.95**
Wheat Germ Oil. Per qt. ... **4.25**
Wheat Germ Oil. Per 6 gals. Wt. 50 lbs. ... **67.15**
Wheat Germ Oil. Per pt. ... **2.50**
V912 Water-Miscible Wheat Germ Oil. Per gallon. Sh. wt. 8 lb. ... **12.95**
Per case of 6 gal. Sh. wt. 50 lb. ... **73.15**

NU-E COMPOUND B

The most complete "FAT-FREE" vitamin supplement formulated to deal with FAT RANCIDITY caused by feeding frozen meats, fish and poultry products!

- Reduces hazards and effects of fat rancidity.
- Provides complete protection against "yellow fat."
- Helps reduce "wet belly" disease.
- Prevents destruction of Vitamin B-1 when feeding frozen fish.
- Protects and preserves nutritional value of mixed-feed when exposed to mink or stored in cooler or freezer.
- Dramatically improves fur quality and sheen.

Recommended feeding level (dry weight basis): 1 tablespoon to 65 lbs., 1 oz. to 125 lbs., 4 oz. to 500 lbs.

Contains—Arginine, de Methionine, Choline, Bitartrate, Inositol, Vitamin E, B12, Thiamin HCL, Vitamin C, Niacinamide, Lecithin, Calcium Phosphate, Calcium Stearate, Soybean Meal.

V744 NU-E Compound, 1-lb. jar ... **$ 6.00**
V745 NU-E Compound, 6-lb. jar ... **32.50**
V746 NU-E Compound, 30-lb. container ... **160.00**

NEW DUGRAVET 3X C

Dugravet was great before. Now with 3 times the potency of all the essential vitamins—AT NO INCREASE IN COST, it is far and away the best mink food supplement buy on the market.

Save many dollars by adding to unfortified feeds and get better results. Dugravet 3X is the plus that builds greater profits.

Contains Vitamin B12, Thiamin, HCL, Riboflavin, Niacin, Potassium, Iodide, Wheat Germ, Calcium, Phosphate, Calcium Stearate, Vitamins A and D.

Requires only one tablespoon for 150 mink. On dry weight basis (without added water) 1 oz. per 150 lbs. of feed.

V749 Dugravet 3X. 1 lb. ... **$ 3.75**
V750 Dugravet 3X. 5 lbs. ... **17.50**
V751 Dugravet 3X. 100 lbs. ... **325.00**

STAFGARD D
Germicide—Cleaner—Deodorant

The most completely effective bacteria killer ever formulated. Kills all staphylococcus bacteria, the toughest there is to control. Proven by exhaustive research by world famous Wisconsin laboratory (name and research reports on request).

Formulated of a combination of quaternary ammonium compounds with detergent added that gives you the finest sterilizing and cleaning compound ever made. In use in hospitals throughout the world.

Completely controls all odors of bacterial origin. This includes practically all of the unpleasant odors common to mink ranches—in the yard and in the feed room.

STAFGARD is the answer to your sanitation and disease control problems. Use for all germicidal purposes—anywhere. Harmless to mink and all other animals when used as recommended.

This is a concentrate that goes a long ways. For normal sanitation, dilute at rate of ½ of 1 percent in water.

Ideal for use in high pressure cold water cleaners or steam cleaners. Non-corrosive. Sh. wt. per gallon, 9¼ lbs.

B890 STAFGARD M62 Liquid Concentrate.
Per gallon ... **$12.50**

DU-CLEEN DISINFECTANT E AND DEODORIZER

For a disinfectant, air purifier, and deodorizer: Mix DU-CLEEN with 2 part of water. Atomize with spray gun, hand sprayer, or electric fogging machine—will reduce air-borne bacteria and inhibit mold growths. Use as a safety precaution morning and night to protect your mink—in your feeding room, and throughout the ranch. A great product developed by the Taft Pharmaceutical Co.

For Cleaning: Use one tablespoonful in pail of water. Use daily to clean your mixing and feeding equipment.

V756 Du-Cleen, 1 pint ... **$ 2.75**
V757 Du-Cleen, 1 gallon ... **17.50**

LIQUID SOAP F

The very finest quality liquid soap. Preferred by many ranchers for washing hands and equipment. Does an exceptional job in removing fats and greases.

A111 One-gallon Can. Sh. wt. 11 lbs. ... **$1.98**
A176 Five gallons in Pour-Type Dispenser ... **7.98**

HC-6 CLEANING POWDER G

Has wetting agent added. Scientifically developed to do all cleaning jobs better. Leaves surfaces scrupulously clean. Softens water, removes film, grease or fat. Cleans walls, floors, etc.

B161 10-lb. Drum ... **$2.85**
Two or more drums, each ... **2.75**

B-K POWDER H

Concentrated chlorine-bearing powder for treating to kill bacteria in all ranch equipment and utensils. Contains 50% available chlorine—need not be rinsed from equipment. One level teaspoon in each 2 gallons of water makes a 200 ppm. solution. One 1¾-lb. bottle will make 500 gallons of 200 ppm. solution.

B168 B-K Powder. 1¾-lb. bottle. Sh. wt. 2 lb. 3 oz. ... **$ 1.79**
Per case of 12 bottles ... **16.75**

STA-LUBE HAND CLEANER I J

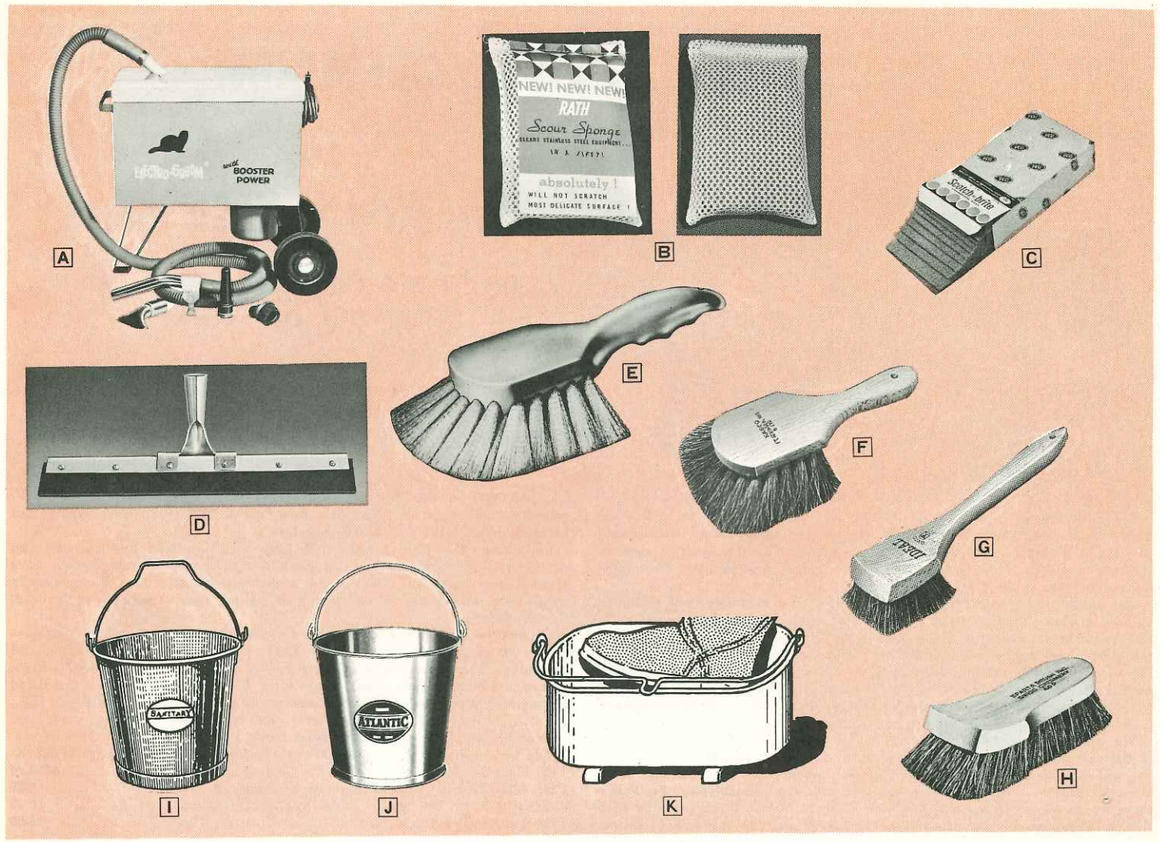
Sta-Lube offers the easiest and pleasantest way to clean very dirty hands. It effectively, but gently, dissolves the most stubborn dirt and grime. Removes ink, paint, carbon smudge, grease, crayon, tar and many other objectionable soils and odors in seconds. It is an amazing cleaner of plastics, stoves, utensils, painted woodwork and countless other hard-to-clean items. Available in 5-oz. handy tube or in 7-lb. can for shop use.

I **T844-NA-10** 5-oz. Tube Sta-Lube Hand Cleaner. Sh. wt. 6 oz. ... **$ .65**
Per doz. tubes ... **6.60**
J **T845-NA-170** 7-lb. can Sta-Lube Hand Cleaner. Sh. wt. 8 lb. 13 oz. ... **3.00**

STA-LUBE DISPENSER K

Use with 7-lb. can described above. Dispenses just the right amount of cleaner with easy push of plunger. Rugged, breakproof construction of aluminum and machined steel. Positive, foolproof operation.

T846-7A Sta-Lube Dispenser. Wt. 2 lbs. ... **$5.95**



MINK VAC—ELECTRO-GROOM A

A super powered vacuum cleaner especially designed for the needs of the mink rancher.

Two big powerful motors to give you that added power when you need it. Even with one motor, this is a more powerful unit than the generally available commercial model.

Excellent for cleaning and grooming livestock of all kinds. Nothing like it for cleaning nest boxes, sheds, etc.

Powerful GE electric motors, 19,000 RPM, 115 volt, 575 watt. Reversing switch makes it a powerful blower if desired. Has HOT blower-dryer feature especially valuable in grooming livestock.

Accessory kit includes blower tip, cobweb tube, vinyl brush, hose and nozzle. 11 foot nylon reinforced flexible plastic hose.

Cabinet made of heavy gauge steel, baked enamel finish. Large rubber tired, easy-roll wheels.

Cleans anything. Your biggest problem will be to keep your wife from stealing it on you.

C2246 Mink Vac ... **$199.50**

SCOUR SPONGE B
For Cleaning Stainless Steel

A unique new product you simply wet and use. A long lasting sponge for cleaning stainless steel, procelain, enameled ware, etc. Covered with tough, fast cleaning, nylon net fabric. Soak well in water, apply soap or detergent and rub on surface of equipment to be cleaned. Absolutely will not scratch most delicate surface.

Packed 12 sponges to a chipboard carton. Ship. wt., 2 oz.

B735 Scour Sponge. Each ... **$ .69**

SCOTCH BRITE C

An amazing scouring pad originally designed for use on stainless steel but ideal for any surface. Use one once and your ranch will never be without them—except when your wife steals them for the kitchen.

Exceptionally durable. The most effective scouring device we have seen. Ten 6" x 9½" pads per box.

W3321 Scouring Pads. Per box ... **$ 4.80**
Case of 6 boxes ... **24.48**

STEEL FRAME D
RUBBER FLOOR SCRAPER

You will find this heavy-duty rubber scraper and squeegee combination a valuable aid in cleaning up the floor of your feed room. Frame of heavy-gauge angle iron with beige enamel finish. Handle socket of steel, bright zinc-plated, extra-heavy construction. ¼" x 2" x 18" best quality rubber blade. Handle not included.

B796-2018 18" Scraper. Sh. wt. 2¾ lb. ... **$4.10**
B797-2018R Refills. Sh. wt. 10 oz. ... **1.40**

NYLON CLEAN-UP BRUSH E

All-white nylon brush. Contour design, rugged plastic block. Deep anchored tufts of 100% Du-Pont stiff white crimped nylon bristles. Bristles can't soak up bacteria. Power grip handle. Outlasts many natural fibre brushes. Wt. 1 lb.

B169-45 Nylon Brush ... **$5.25**

PALMETTO FIBRE GONG BRUSHES F

Palmetto Gong Brush. Similar to nylon brush above, only with fibre bristles. Face 6" x 5½". Oval 2" trim, smooth block 8" x 2⅞". Wt., 8 oz.

B170-8 Each ... **$1.15**; Dozen ... **$12.65**

PALMETTO SINK BRUSH G

5 by 6 rows, 1¼" trim, smooth block, 12½" x 2½". Wt., 6 oz.

B177-8E Each ... **$ .79**; Dozen ... **$7.49**

PAIL BRUSH H

Tough resilient bristles securely anchored in hard maple block.

Shaped to fit the hand and flared to clean the hard-to-get-at corners. Block 5⅞" x 2½" x 1¾" trim. Wt., 8 oz.

B176-70U Brush. Each ... **$ .69**
Dozen ... **$7.95**

20 QUART PAIL I

Seamless, tinned. Sanitary. Soldered outside. Steel clad open pattern. Has 5/16" re-tinned wire bail. No rivets in ears. Reinforcing hoop on bottom. A fine looking, heavy duty pail. Shipping weight, 6 lb. 12 oz.

B344-5640 Twenty quart Pail. Each ... **$7.89**

TINNED PAILS J

Heavy tinned, wire bails, heavy wedge ears, high bottom, extra-heavy wired top rim, inside seams soldered, tin-plate. 12-qt. capacity. Sh. wt. 3 lb. 3 oz.

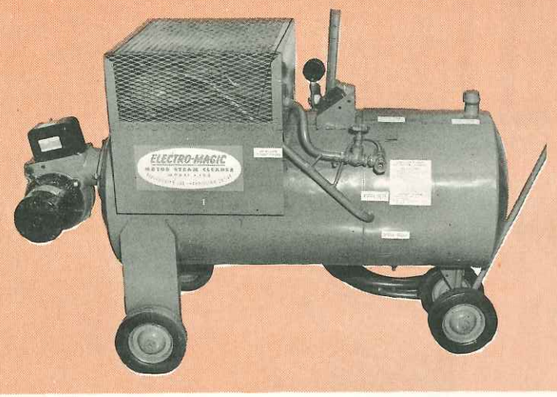
B294-1212 Pail ... **$1.49**

SANITARY FOOT BATH K

Sturdily built of galvanized metal with lifting bail and feet as illustrated. Holds ample disinfectant without overflow or splashing. 7" high, 9" wide, 8" long. Wt., 3½ lbs. each.

A228 Foot Bath. Each ... **$5.25**

Electro-Magic STEAM CLEANER



NOW

WITH HOT WATER RINSE

UP TO 300 GAL. HOT WATER PER HOUR ALL DAY LONG

Thousands of Satisfied Customers

Special to Mink Ranchers—10% Discount

The most valuable piece of equipment any mink rancher can own. The ideal way to maintain maximum sanitation on any ranch. Cuts your cleaning cost by 75%. Makes equipment last years longer. Pays for itself in months. Hundreds of uses. Now being used on far more mink ranches throughout the country than any other steam cleaner.

The Model 100 Electro-Magic Steam Cleaner is a complete, self-contained unit in a streamlined all-steel cabinet. This portable model delivers up to 100 lbs. of steam pressure and will flush and dissolve stubborn deposits that are almost impossible to clean by any other method. It will melt snow and ice in a jiffy. Versatile in operation, it will clean walls and floors, farm equipment, heavy machinery, poultry houses, mink pens, grocery carts—and thousands of other items. It is unbelievably low in cost—but it's complete! Once you try it, you'll never do without it.

We will repair any defective part of this unit **Free of Charge** for the life of the unit provided the equipment was not abused. If part is not repairable, we will furnish a replacement part at reasonable cost. Has all the "most wanted" features in the steam cleaner industry. **Completely Portable**—mounted on rubber tires, equipped with a tow bar. **High Efficiency**—the positive, trouble-free, all-cast and brass pump, requires no lubrication. Burner develops up to 150 lbs. of steam pressure in 3 minutes. However, units are pre-set to operate at 85 to 100 lbs. **Safe Operation**—visible steam gauge and safety pop-off valve for maximum safety.

Remember, This Unit is Absolutely Safe! Simple operation—takes one man to operate. Fully automatic—just push the button and presto!—you have steam. Connects to any 110-volt AC outlet with electric cord. Automatically mixes soap and water in self-contained mixing tank. Precision engineered. Specifications:

Capacity—Over 65 gallons per hour saturated steam. **Operating Pressure**—80 to 100 pounds as desired. **Fuel Tank**—Sufficient for 8 hours of normal operation, using kerosene or heating fuels 1 or 2. **Burner System**—(Oil fired) Forced draft system for better combustion. **Cleaning Gun**—Special, insulated Electro-Magic red wood handle cleaning gun. **Heavy-Duty Motor**—⅓ H.P., 110-volt, 50 or 60 cycle AC motor is standard equipment. Plus motor for burner blower. Wt. 405 lbs. Shipped truck freight.

Can be supplied with 220 volt, 50 cycle motor at additional charge of $35.00.

T795 Electro-Magic Model 100 Steam Cleaner **$398.00**
T796 Wide Nozzle (for cleaning pen bottoms). Sh. wt. 1 lb. 3 oz. **5.75**
T797 Wire Brush Nozzle. Sh. wt. 1 lb. 6 oz. **5.75**
T798 Special Non-Toxic Steam Cleaner Compound **12.50**
(Sold in 50-lb. cases only.)

"The Liquid Brush"

COLD WATER CLEANER

- **SEE AS YOU CLEAN — No more clouds of steam.**
- **USES SMALL AMOUNT OF WATER—Discharges only 2 gal. per minute.**
- **COMPLETELY PORTABLE.**
- **TWO POPULAR MODELS — Gasoline or Electric powered.**
- **Special to Mink Ranchers—10% Discount.**

The modern, easy, economical way to clean and sterilize anything, any time, anywhere. Dirt and grease and grime disappear like magic from the toughest surfaces—from motors, animal pens, machinery, etc. Develops tremendous pressure at the nozzle (600 PSI). A fine blade of water, produced by the great pressure and a specially designed nozzle, peels away the dirt without flooding the surface. Penetrates the most difficult corners and crevices, impossible to reach by any other equipment. Add detergent and germicide for complete sterilization. Unit is completely portable—it's not even necessary to have a water supply hose attached. The 50-gal. tank will suffice for many hours of cleaning. Cleaners and sterilizing compounds may be added directly into the tank, and either a chemical mix or clear water rinse may be selected.

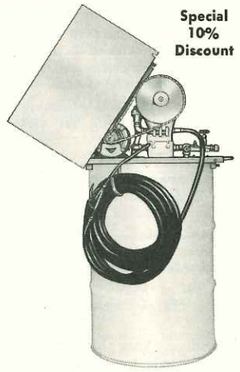
3-HP Briggs-Stratton gasoline engine operates the superb Meyers double piston pump. Unit equipped with 40-ft. of high-pressure discharge hose.

T840 Gasoline-Powered High-Pressure Cleaner **$548.00**

110-VOLT ELECTRIC MODEL

Has all the splendid features of the unit described above, but it's powered by a 1-HP heavy-duty electric motor which operates off a 110-volt circuit.

T835 Electro Magic High Pressure Cleaner **$498.00**
T836 Cleaning and Sterilizing Compound. 100-lb. keg **37.00**



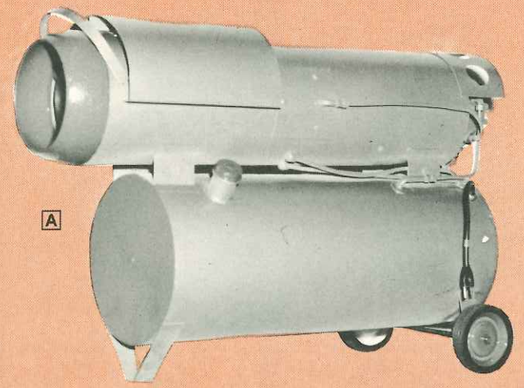
Special 10% Discount

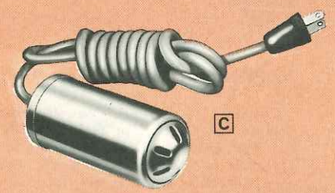
COLD WATER CLEANER

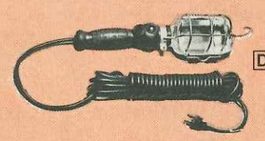
Barrel top washer . . . 600 lbs. impact pressure! Top quality performance for washing, degreasing, cleaning and disinfecting. Some of its many uses in industry—on farms—for homes: Chicken houses, hog parlors, car washing, farm buildings, garages, industrial maintenance, creamery and dairy plants, home maintenance. Cleans and sanitizes barns and pens . . . machinery and equipment.

The Model 600 Barrel Top Washer is equipped with "Exclusive" POSITIVE DISPLACEMENT PUMP which eliminates inferior pump problems and insures long lasting operating performance.

T917-610 Cold Water Cleaner **$398.00**







HEATERS

ELECTRO-JUNIOR [A] PORTABLE HEATER

Within this reasonable price range, the Electro-Junior Portable Heater has no rivals for performance and reliability.

Just plug it in, and you'll get instant heat, exactly where you want it and when you want it. The Electro-Junior Portable is fully automatic . . . a giant among the low-cost heaters with a tremendous 105,000 BTU output.

The secret is the exclusive design. No vent is needed for the jet-stream heat projector. No exposed flame, fumes or odor. The 9½-gal. fuel tank gives up to 15 hours continuous operation, and the capacity is ample to heat a 7-room house. Completely safe, completely reliable. Compact for easy handling, and the unit weighs only 79 lbs. It's only 37" long, 15" wide and 24" high. Powered by a ⅓ h.p. GE, or equivalent, motor. Burns kerosene or No. 1 or No. 2 fuel. Stainless steel combustion chamber plus cast heat-resistant components throughout. Special custom-cast baffle plate resists burning out, a fault so frequently found in low-cost heaters.

Move the Electro-Junior effortlessly on its sturdy rubber-tired wheels. It's the answer wherever you require fast, directional heat. Widely used many places on the farm, in construction jobs, shops, on Christmas tree lots, in workmen's shelters, etc. Ship. wt. 90 lbs.

T839 Electro-Junior Portable Heater **$149.00**

JIFFY BUCKET WATER HEATER [B]

A favorite among ranchmen, this water heater is so constructed, that it can be placed upright in a bucket type vessel. Copper tube houses the heating element. 1350 watts, 115 volts, AC or DC. 8 ft. heavy duty rubber covered cord, 1 year guarantee. Overall height 14". Sh. wt. 2 lb. 3 oz.

E237-WH3-02 Bucket Water Heater **$9.49**

JIFFY ELECTRIC WATER HEATER [C]

Heats and boils water. Just plug it in. Fine for dairy labs, or milk rooms. Long-life chrome nickel heating element. Six-foot rubberized cord 1100 watts.

B128-25 Ship. wt. 2 lbs. Each **$6.50**

TROUBLE LIGHTS [D]

18-2 SJ type .300 OD flexible service cable. Black polyethylene handle, male plug, and cable. Impervious to grease and oil. Extra tough—resists abrasion. Easily cleaned. UL-approved 660-watt switch mechanism. Double tool tap outlets—positive contact.

T433-101 Trouble Light, 25' cord. Ship. wt. 3½ lbs. Each **$2.25**

T434-102 Trouble Light, 50' cord. Ship. wt. 4 lbs. Each **3.50**

TITAN HI-WATT HEATER [E]

Advanced, modern styling, rugged, built for use and abuse. Completely portable for use in any spot you desire. Baked enamel finish. The element is guaranteed for 10 years of trouble free use. 2000-3000 watt.

V684 Titan Hi-Watt Heater **$44.95**

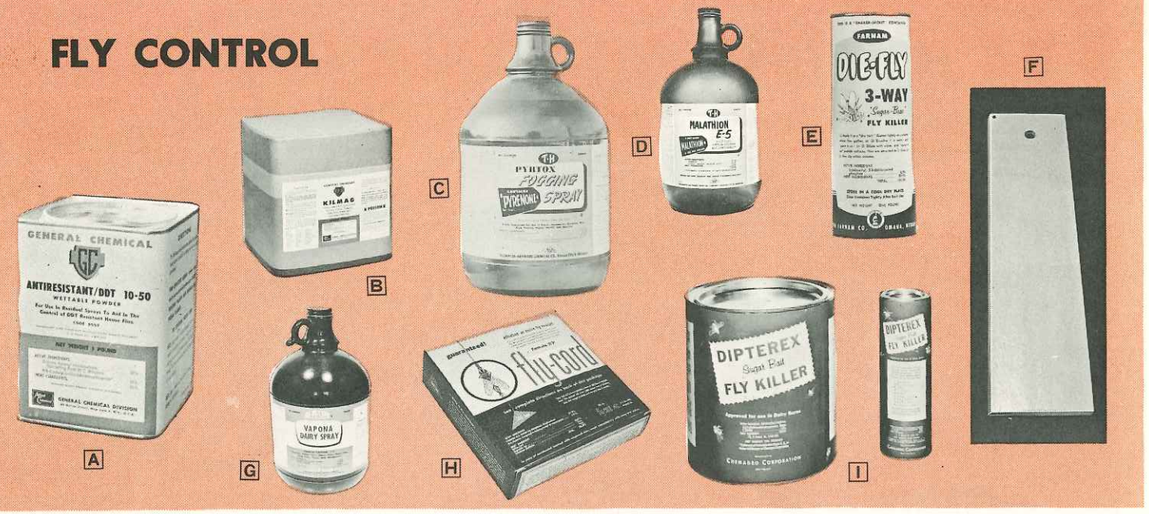
TITAN FEED ROOM HEATER [F]

The Titan feed room heater is designed especially for warm use wherever overhead mounting is desirable. Ideal for use in feed rooms, pelting rooms, or homes. Handle is drilled for simplified mounting. Equipped with Therm-O-Dial. Just set dial for desired heat and forget about it. Thermostat will operate heater to maintain desired temperature. Hammertone baked enamel with rubber cushioned mounting. Available with 1320 watt or 1600 watt heating elements. Operates on 110-120 volts AC. Measures 10" x 14" x 7¾". Wt., 7 lbs.

V683 Feed Room Heater, 1600 watts. Nasco price **$14.95**

All Breakage Must Be Reported Within 10 Days

FLY CONTROL



ANTIRESISTANT/DDT [A] TO CONTROL HOUSE FLIES

This product contains Wisconsin Alumni Research Foundation Antiresistant which aids in restoring the insecticidal effectiveness of DDT against House Flies that have become tolerant to the effects of DDT.

Use 1 pound in 2½ gallons of water (40 pounds in 100 gallons). Apply as a coarse spray, thoroughly wetting walls, ceilings, floors, beams, screens, and other places where insects collect. Use 1 gallon of finished spray to each 600 to 1,000 square feet of surface depending upon whether the surface is rough or smooth. Applications should be repeated as control diminishes, or at first noticeable increase in insect populations. Spraying walls and walks outside buildings where flies rest may help, but DDT residues will not last as long as when applied inside.

E506 Antiresistant DDT 10-50 Wettable Powder. 1-lb. box **$1.95**

KILMAG [B]

The only practical way to control the fly problem—kill them before they become flies. This revolutionary product, "Kilmag" produced by Allied Chemicals, gets at the source of flies on a mink ranch—it kills them in the maggot stage.

Simple and easy to apply. Mix 2 lbs. of Kilmag to 4 gallons of water. Apply on droppings under the pens in a coarse spray. This amount will treat 1000 square feet of under-pen surface. Repeat treatment every 7 days.

This is a "must" in your fly control program. Combine this with a periodic knock-down spray to eliminate the flies "you didn't raise yourself" and your fly problem will be solved.

E478 Kilmag in 50-lb. drums, per lb. ..... **$ .48**
E479 Kilmag in 20-lb. drums, per lb. ..... **.50**

PYRONE BUTOXIDE [C] FOGGING SPRAY

The ideal spray material for use in foggers. Exact consistency for most effective application. One of the most effective fly killers ever developed. Kills instantly, however has little residual effect. Use this along with Banafly sprays or malathion to get maximum effect of quick knock-down plus residual control. Perfect for feed rooms.

G530 Pyrone Butoxide Fogging Spray, per gal. **$5.25**

MALATHION E-5 SPRAY [D] CONCENTRATE

A water emulsified concentrate containing 5 lbs. of Malathion per gal. Ready to mix with water and added sugar bait to make the most effective and cheapest fly control known. It kills flies quickly, and keeps on killing for up to 4 to 6 weeks. Controls larvae as well as adult flies and is an effective weapon against mosquitoes. Ideal for treating mink shelters, dropping piles, barns, garbage cans, and wherever flies tend to breed or concentrate. One gallon makes approximately 40 gallons of spray.

E534 Malathion Spray Concentrate. Per qt. **$ 4.39**
E535 Malathion Spray Concentrate. Wt. 12 lbs. per gal., 4 gals. per case. Per gallon **10.60**
E536 Malathion Spray Concentrate. 5-gal. cans. Per gal. **9.90**
E537 Malathion Spray Concentrate. 55-gal. drums. Per gal. **9.50**

DIE FLY [E]

Die-Fly is pure cane sugar impregnated with a powerful new chemical that stops flies dead in their tracks! Flies are attracted to it, feast on it, then die within seconds. What's more, they keep on dying for weeks after application. Kills **resistant,** as well as non-resistant strains, and flies do **not** become immune to it.

1 Apply as a BAIT

Scatter Die-Fly lightly over horizontal surfaces or floor areas where flies gather.

2 Apply as a PAINT

Dissolve Die-Fly in just enough water to bring it to a lacquer-like consistency. Then **paint-it-on.**

3 Apply as a SPRAY

For quick kill and fast clean-up of flies, but not long residual, dilute 8 ounces of Die-Fly to each gallon of water and **spray-it-on** with a pressure sprayer.

E482 Die-Fly, 1-lb. shaker can. Each ..... **$ 1.10**
Die-Fly, Case of 12 1-lb. cans **12.50**
E483 Die-Fly, 5-lb. cans. Each **3.85**

VAPONA RESIN STRIP [F]

Really Kills Flies. Here's the easy, effective way to control flies, gnats and mosquitoes in sheds, dog kennels, garbage pails, and in the home. Just have one 20% Resin Strip for each 1,000 cu. ft. of control area. (In the house, one strip is ample for the average room. One strip inside the garbage pail is ample for the fly season.) Under ordinary conditions, each Vapona 20% Resin Strip is effective for three months. Sh. wt. 7 oz.

E599 Vapona Resin Strip **$2.75**

VAPONA FLY SPRAY [G]

Contains 1% Vapona. Controls resistant and non-resistant insects. For fogging sheds to control flies, gnats, and mosquitoes, use at the rate of 1 pint to 8,000 cu. ft. This 1% solution can also be used as a coarse wet spray by applying 1 pint per 1,000 sq. ft. to sheds and outdoor areas.

G562 Vapona Spray, 1 ga. Sh. wt. 10¾ lbs. Per gal. ..... **$ 2.50**
G563 Vapona Spray, 5 gals. Sh. wt. 55 lbs. Per 5 gals. **12.00**

FLY CORD [H]

Fly-Cord is heavy red cotton string impregnated with Parathion, a powerful insecticide that attacks the fly's nervous system. Flies light on Fly-Cord because they have to rest somewhere and prefer to rest on small cords. There is no bait or chemical attractant. The active ingredients of Fly-Cord are absorbed through the fly's feet and cause a quick and sure death. Fly-Cord will kill flies that are resistant to other insecticides.

You can expect to see dead flies within minutes after Fly-Cord is installed, with the greatest kill occurring at night, since flies normally rest at night. The fly population will gradually be reduced and control level should be reached within 2 weeks or less. Flies should be held in control by the Fly-Cord method for an entire season.

One reel contains 300 feet of treated string. Furnished with eye screws for easy mounting in mink shed rafters or in feed rooms. One reel will handle 1,000 square feet of space effectively.

E475 Fly-Cord. Wt., 1 lb. per reel. Each **$3.95**

DIPTEREX [I]

A revolutionary way to control flies which are attracted to mink coops by manure and feed. Just scatter Dipterex from the handy container. There's nothing to mix and no expensive equipment or labor is needed. Dipterex has no odor, it won't stain, and tests show that it kills even DDT-resistant fly strains. One pound of Dipterex is actually enough to kill 2,000,000 flies. Try this economical and amazingly effective way to kill flies! Order Dipterex today and enjoy sure, safe fly control around your mink pens.

E480 1-lb. Can Dipterex. Sh. wt. 1 lb. 2 oz. **$1.19**
E481 5-lb. Can Dipterex. Sh. wt. 5½ lb. **4.00**

FLY CONTROL

PROLIN RAT AND MOUSE BAIT

A warfarin rodenticide in both Redi-Mix and Concentrate form.

E705 Prolin Redi-Mix, 1 lb. can ..... **$ .89**
E706 Prolin Redi-Mix, 5 lb. bag **3.29**
E707 Prolin Concentrate, 1 lb. can **5.00**
E708 Prolin Concentrate, 5 lb. drum **21.50**
E709 Prolin Concentrate, ¼ lb. can (produces 5 lb. finished bait on a 1-19 mix) **1.75**
E710 Prolin Concentrate, ½ lb. can (produces 10 lb. finished bait on a 1-19 mix) ... **3.00**

Amazingly Effective BIG STINKY FLY TRAP

Lures, traps, and kills flies in great numbers. A potent fly sex odor lures and traps filth, germ carrying biting flies from a distance. Once in the trap, there's no escape. Flies and eggs are dead. In hot weather, when hatches are big, you'll be amazed at how quickly the ½-gal. jars fill up with dead flies. Use just outside buildings. Now in use on hundreds of farms, in cities, fur farms, boys' camps, etc. 8 oz. of Control Fluid lasts usually one season.

C208 Big Stinky, ½ gal. Sh. wt. 4 lb. 2 oz. ... **$3.95**
C209 Extra Bottle Control Fluid. Sh. wt. 1 lb. 2 oz. **1.50**

RODENT CONTROL

DEER REPELLENT [A]

An effective method of protecting orchards, nurseries, farm fields, gardens, etc. It works by irritating the deer's highly developed sense of smell. Easy to use spray. Magic circle creates a long-lasting band around nurseries, orchards or fields. Deer won't cross it. Mix with water—one part of spray to 100 parts of water. Apply monthly on or around plants to be protected. Should be used before deer get started feeding in a particular location. Tests have proven it harmless to plants, but caution should be used in applying it directly on any plants in early seedling stage.

M692 Magic Circle Deer Repellent. Sh. wt. 10 lb. 7 oz. Per gal. ..... **$ 7.75**
M693 Magic Circle Deed Repellent. Sh. wt. 52 lb. Per 5-gallon drum **$37.50**

CYANOGAS A-DUST [B]

For killing rats, ants, mice, moles, gophers, woodchucks, prairie dogs, etc. Different size packages priced below. Shipped express.

E26 1-pound. Sh. wt. 1 lb. 2 oz. ..... **$ 1.50**
E27 5-pound. Sh. wt. 6 lb. 7 oz. **4.75**
Z1373 25-pound **15.10**
Z1373 100-pound **34.00**

CYANOGAS G-FUMIGANT [C]

For enclosed space fumigation. Use in corncribs, under walks and floors, in greenhouses, warehouses, grain elevators, tourist camps, bunk houses, etc. Also recommended for grain and seeds, nursery stock and soil. In closed spaces. Shipped express.

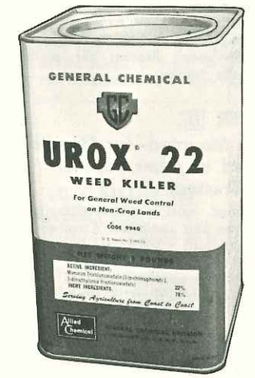
E28 G-Fumigant. 5-lb. can. Sh. wt. 6 lb. 7 oz. ..... **$ 4.75**
Z1373 G-Fumigant. 25-lb. can **15.10**

T-H RAT-TROL READY MIX WARFARIN [D]

Get rid of those unwelcome "boarders" around your ranch that are robbing you of profit every day. Thompson-Hayward Rat-Trol, a Warfarin product, is a ready-to-use rat and mouse bait containing .025% Warfarin in a dry cereal carrier with an added attractant to lure the rodents to their last fatal meal.

E473 Rat-Trol. 1-lb. can. Sh. wt. 1 lb. 2 oz. Each ..... **$ .69**
E474 Rat-Trol. 5-lb. can. Sh. wt. 5½ lb. Each **2.99**

WEED CONTROL



UROX for weed control

Ideal in any non-crop farm area, UROX kills weeds a whole season with just one treatment. It costs less because the products themselves are low in cost. Under normal growing conditions, applications are made only once a year. New growth is prevented for up to 18 months. Long-range weed control is achieved with only small amounts of UROX. Its effects are cumulative, so small "booster" doses keep its killing power going year after year. UROX knocks out all plant growth. Numerous herbicides are fine for some weeds, but inadequate for others. The granules are applied with conventional application equipment. UROX is safer to use, due to its low toxicity to humans and animals. And it's nonflammable.

We list two grades of UROX. Select the one best suited to your requirements.

UROX 22 GRANULAR

22% Monuron Trichloroacetate. Less bulk, for easier handling and more economical application. For excellent control of most annual and wide-spread shallow-rooted weeds, use as little as 2½ lbs. per 1,000 square feet of UROX 22. For deep-rooted persistent weeds, dosages of up to 6 lbs. per 1,000 square feet may be required. Areas having extremely high annual rainfall (50 to 80 inches) may require 2 applications per year.

V753 UROX 22, 50# bag ..... per lb. **$ .93**
200# to 5000# ..... per lb. **.83**
V754 UROX 22, 20# bag ..... per lb. **.95**
200# to 5000# ..... per lb. **.86**

UROX 11 GRANULAR

11% Monuron Trichloroacetate. For even spreading when more bulk is desired. With UROX 11, simply double the UROX 22 dosage (to 5 lbs. per 1,000 square feet). Ideal for "booster" treatments at greatly reduced rates.

V752 UROX 11, 50# bag ..... per lb. **$ .55**
200# to 5000# ..... per lb. **.46**
V763 UROX 11, 5# canister ..... per lb. **.85**
200# or more ..... per lb. **.75**

THERMO FOGGER ATTACHMENT [A] for SIMPLICITY TRACTOR

The powerful fogging unit gives high volume fogging anywhere you can drive with your Simplicity tractor. Special mounting assembly placed onto tractor allows for quick attaching or removal of the fogger unit itself. Fogger produces about 22,000 cubic feet of insect killing fog per minute. Acts instantly without warmup. Equipped with 3 HP 4-cycle Briggs and Stratton engine. Positive on-off and variable speed controls. 3.5 gal. insecticide tank capacity. Shipped from factory in Illinois.

Z3036 Tractor Fogger **$200.00**
Z3037 Attachment Bracket for mounting fogger onto tractor **25.00**

SPRAYER [B]

Tractor Mounted—for Simplicity Landlord or other popular Small Tractors

The finest, most maneuverable, best performing sprayer unit available. Attaches to your Simplicity Landlord tractor (or most other compact tractors)—using its power—and performs every spray job you can conceive of around a mink ranch, and many more.

Twin piston pump delivers up to 3 gallons per minute with pressures from 0 to 300 lbs. per square inch.

Big 20 gallon steel tank. Large filling hole. Finest quality hand spray nozzle and 25 ft. high pressure hose.

All controls can be operated from driver's seat. Easily and quickly attached or detached from tractor. Merely place or remove two pins.

Agitation is maintained in tank to prevent settling of wettable powders. Handles all types of insecticides, weed killers, even white wash. Pump powered by V belt from tractor.

E701-ST-S Estate Sprayer for Simplicity Tractor, Model 700, 725 and Landlord **$152.50**

Estate Sprayer for other compact tractors

Available for Allis Chalmers, Bolens, International, John Deere, Wheel Horse. Specify make of tractor (slightly higher for some models).

KWH MISTBLOWERS

The ideal method of applying any insecticides for fly or other insect control. Also the best method of applying herbicides for weed and brush control. Uses air as the vehicle for applying concentrated chemicals.

These KWH Mistblowers are famous because of their ability to apply any spray material economically and efficiently. Their performance and durability is absolutely amazing.

The Mistblower produces a droplet size approximately 1/216 the size of the average droplet produced by hydraulic sprayers. This droplet is slightly larger than that produced by a fogger. This affords directional control rather than dependence on air currents as is the case with a fogger.

Ideal for insecticide application in your mink sheds or yard, yet at the same time the very finest for spraying orchards, weeds, etc.

MODEL 25 KWH MISTBLOWER [C]

Lightweight, high-performance unit featuring a 1½-HP, 2-cycle, 7000-RPM engine.

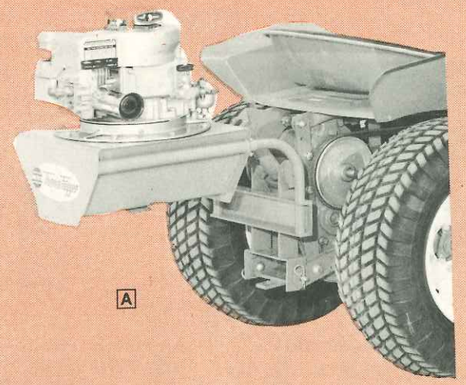
Cast aluminum fan housing, direct-drive fan. Motor and fan housing mounted on steel backplate with rubber vibration absorbers. Foam plastic back pad. Padded shoulder straps with D rings for attaching chest-mounted tank if desired.

All-brass, 2-gallon chemical tank. Brass fittings and controls.

Air volume 350 CFM at 180 miles per hour. Effective coverage up to 25 ft. high. Horizontal swath up to 40 ft.

Wt. empty, 25 lbs. Continuous agitation of the chemical maintained by air feed into tank. Equipped with recoil starter.

H310 Model 25 KWH Mistblower **$237.00**



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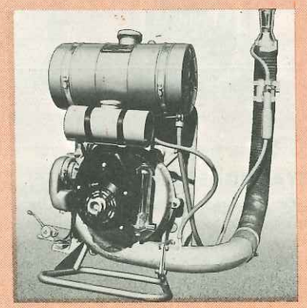

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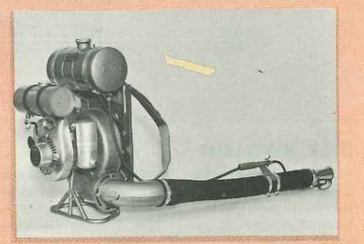

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KWH MODEL 77M [D] MISTBLOWER

Most powerful back pack mistblower ever built. The new high performance 4 HP engine generates 780 cubic feet of air per minute at 180 MPH at the nozzle. Gives you deep penetration, a great horizontal swath and a vertical reach of 40 feet.

Features the famous JLO engine. 2 cycle, 4 HP at 6000 RPM. Direct drive to blower fan. Has separate engine cooling fan. Diaphragm type carburetor.

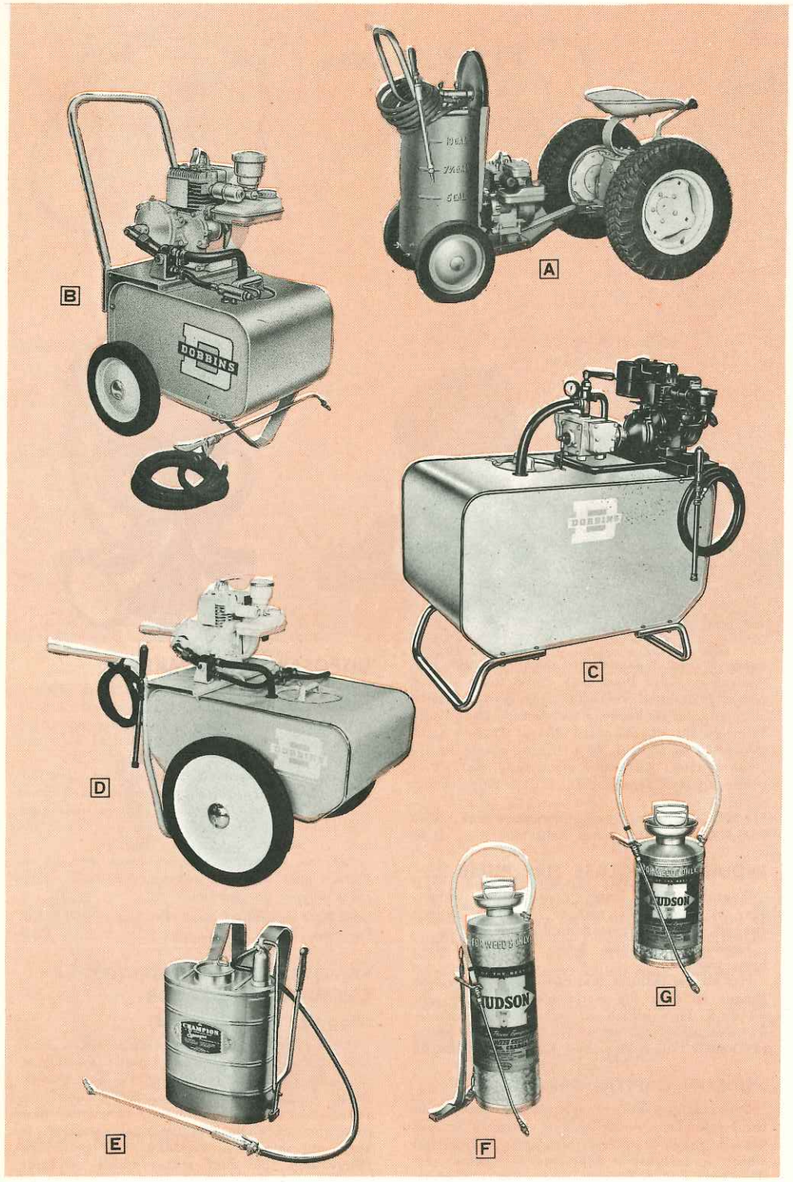
Weight has been REDUCED to only 36 lbs., evenly distributed and balanced.

ALL-METAL construction — no plastic substitutes. All brass tanks and fittings. Patented chrome-plated brass nozzle gives unparalleled performance.

Comfortable padded back and leather harness practically eliminates vibration. Finger-tip controls. 2-gal. chemical tank. Discharge rate adjustable from ½ qt. to 3 qts. per minute. Extra front-mounted tank available for double chemical capacity. Equipped with recoil starter.

H312 Model 77 KWH Mistblower **$286.50**

NASCO, INC., Fort Atkinson, Wisconsin



SUBURBAN TRAIL-N-SPRAY [A]

Suburban Power Sprayer for use with riding tractors. Here is the most useful tractor tool for the care and beauty of yard and garden. Handles any job from spraying the lawn to 25-ft. trees. When equipped with the 4-nozzle boom, it is especially useful for lawn care. Comes with standard adjustable hand gun with long distance nozzle and 20' Kem-Oil hose. Tank capacity, 12½ gals.; pump capacity, 2⅛ GPM; 150# PSI pressure; 2 HP 4 cycle engine. Rolls on 12" x 1¾" cushion wheels, drawn by the tractor or mower.

Z2220-12254 Suburban Trail-N-Spray. For all riding tractors and mowers. Wt. 90 lbs. **$149.50**
Z2221-4048 4-nozzle Boom, 4' long, shut-off valve, hose, fan nozzles for lawn spraying. Wt. 4 lbs. each **21.40**

DOBBINS 10 GALLON [B] CART SPRAYER

For small operations or home and garden use. The most versatile unit you can have around. 1½ GPM, 150 PSI, 10-gallon tank capacity. Single cylinder high pressure piston pump. Selective pressure adjustment. Features direct drive. Plastic-lined steel tank.

2 HP Briggs and Stratton engine. Recoil starter. 10 ft. ⅜" high pressure hose. Jet agitation. Tires 1¾" wide, 10" diameter. FOB Iowa factory.

Z2101-1105A Dobbins 10-gal. Cart Sprayer **$154.50**

DOBBINS DOUBLE CYLINDER [C] SKID SPRAYER

The ideal unit for quick mounting on jeep or pickup where high performance is required.

Features the new Dobbins Direct Drive enclosed high pressure 5 GPM double cylinder pump. Will give years of excellent service.

3 HP Briggs and Stratton engine, 0-350 PSI 55 gallon tank capacity. 25 ft. ⅜" high pressure hose. Width 20½". Length 40½". Height 42". Heavy-duty skid mount. Adjustable spray nozzle. Plastic-lined tank. FOB Iowa factory. Ship. wt. 189 lbs.

Z2104-14235A Dobbins Double Cylinder Skid Mount Sprayer **$351.00**
Z2105-14245A Same as above but with 110-gallon tank. Wt. 273 lbs. **409.00**
Z2102-21225A Dobbins Single Cylinder Skid Sprayer **198.95**
Z2103-21235A Same as above but with 55-gal. tank. Wt. 152 lbs. **242.75**

CHAMPION KNAPSACK SPRAYER [E]

No. 1 All-Brass model. A portable all-purpose sprayer. Dispenses insecticides, fungicides, weed killer, water, paint, DDT, oil or acid . . . as a fine mist or a 30-ft. stream. Uniform pressure of 200 lb. in sturdy pressure chamber maintained as needed by pumping lever. No dangerous compressed air tank. All-brass tank and working parts. Non-clogging filter pus agitating action. 4½ gallon capacity. Ship. wt., 17 lbs.

H99-1 All-Brass Knapsack Sprayer **$38.00**

H175-2 GALVANIZED KNAPSACK SPRAYER

Same as above except has galvanized steel tank. An all-around sprayer. In off seasons, keep it filled with water for fire fighting **$36.00**

HUDSON COMPRESSION [F] SPRAYERS

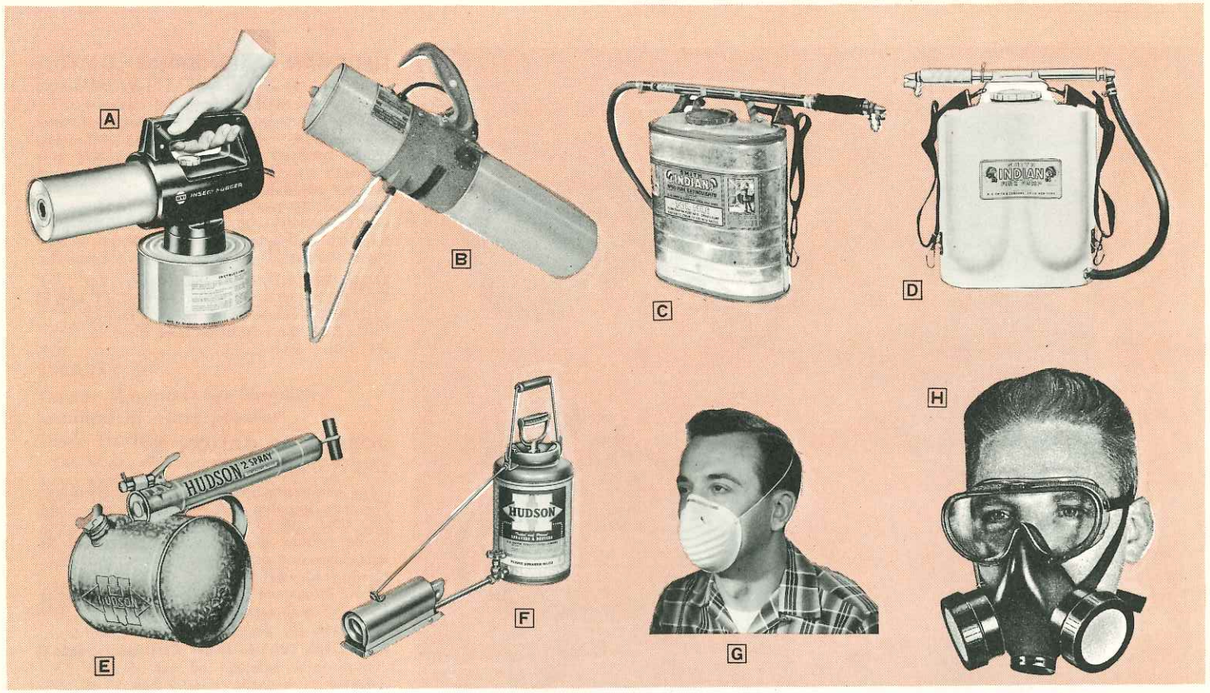
Designed especially for applying weed and crabgrass killers, liquid fertilizer. Tanks are embossed "For Weeds Only" to guard against use on plants which may be damaged by weed and crabgrass killer chemical residues in sprayer. With fan nozzle for effective application. Thred-Lok closure with easy-fill funnel top. NTR (No Tools Required) assembly of Roto-Valve and 12" curved brass extension Mono-Valve pump valve. Galvanized tank. Multi-Spray nozzle. 26" Dura-Cril hose.

[F] **H493-6203** 3-gal. capacity sprayer with 1¾" Hot-Dip galvanized pump, 10"; 1" x 40" strap. Ship. wt. 7¾ lbs. **$9.00**
[G] **H494-6201** 1½-gal. capacity sprayer with 1¾" Hot-Dip galvanized pump, 6". Ship. wt. 5 lbs. 14 oz. **8.00**

DOBBINS 30 GALLON [D] CART SPRAYER

Greater capacity for spraying orchards, farm buildings, livestock, crops, along fencerows, etc. Heavy-gauge seam-welded steel tank lined with 2-ply baked-on corrosion-resistant plastic. 2" drain plug. Pump intake with removable screen. Positive mechanical agitation. 9" filler opening with removable strainer. High-pressure piston pump with adjustable relief valve. Oil-lite bearings, stainless steel pistons and ball valves. Oil- and chemical-resistant hoses. Heavy-duty gun, quickly adjustable for all types of spraying. Control manifold for accurate pressure adjustment from 0 to 250 lbs. Convenient retractable kick stand. 2 HP Briggs and Stratton engine. Recoil starter. Tires 2.50 x 20 for easy mobility. Width, 28½". Length, 51". Height, 37". FOB Iowa factory. Ship. wt. 189 lbs.

Z2100-21125A Sprayer with 12½-ft. ⅜" high-pressure hose and No. 3196 spray gun **$217.75**



BVI THERMO-FOGGER [A] Professional Model

BVI Thermo-Foggers are highly mobile units which safely convert liquid oil-base insecticides into dense, insect-killing fog. Just one ounce of insecticide produces over 2,000 cubic feet. This means that one cubic inch of insecticide is converted to 3,456,000 cubic inches of fog—3½ million times bigger in volume.

The fog produced is a clean, white vapor composed of particles averaging 15 microns. Old fashioned, out-moded spray techniques produce particles from 50-100 microns. Can be used indoors or out.

Fogger features: 48-ounce metal tank. On-off trigger. Lock-on switch feature allows for area or building fogging without necessity of operator remaining constantly with the unit. Adjustable flow control. Sapphire nozzle. Removable barrel for conversion to sprayer. 115-volt, 60-cycle A.C. motor. 6-foot, 14-gauge cord. Sh. wt. 7 lbs.

H571-F980 Thermo Fogger **$35.00**

MICROSOL FOGGER [B]

Fogging with a Microsol is an entirely new way of killing insects. The tiny particles generated by the Microsol are so small you have to look through a microscope to see them individually. These particles can penetrate deep into cracks and crevices where insects nest. They get into places where ordinary spray particles are too large. No bug or germ can survive the deadly combination of a good insecticide dispersed by a Microsol.

Designed for controlling insects in general farm and fur farm use. Absolutely will not break down or destroy an insecticide because it uses a patented cold shearing method for generating the microscopic particles. Delivers about one billion insecticide particles a second. Will dispense up to 6 gallons of any insecticide per hour.

G561-101 Microsol Fogger. Sh. wt. 12½ lbs. **$79.50**
G530 Pyrotox Fogging Spray. Sh. wt. 11 lbs. Per gallon **5.25**

INDIAN FIRE PUMP—Model 90 [C]

Standard equipment for fire suppression. The Indian has been famous with foresters for many years. Proven dependability. Available with galvanized or solid brass tank. Solid brass sliding pump. Form-fitted ventilated tank gives constant circulation of air between tank and carrier's back. Twin nozzle of one-piece brass. Throws solid stream 40 to 50 feet, or a broad, coarse spray. 5-gallon tank. All seams electrically welded to insure against leakage. Wt. 13 lbs. Shipped Express.

E11-90G Indian Fire Pump, galvanized tank **$25.00**
E529-90B Indian Fire Pump, brass tank **43.00**

INDIAN FIBERGLASS FIRE PUMP [D]

Fiberglass tank. Finest quality, light weight, easy to handle, no rust or corrosion, superb strength and unsurpassed outdoor durability.

5-gallon form-fitting tank. Standard Indian brass pump.

Has all the features that have made the Indian famous all over the world plus this truly outstanding tank which is almost unbreakable. Twin nozzle. Ship. wt. 9 lbs. Shipped Express.

M953-90FG Indian Fiberglass Fire Pump **$50.00**

HUDSON CAPITAL SPRAYER [E]

Offers advantages of compression sprayer in hand size. Tank holds head of pressure for extended spraying without re-pumping. Discharges when thumb lever is depressed. For home, garden, farm and commercial uses. Heavy tinplate. 2-spray nozzle. Soldered-on handgrip also reinforces pump and tank. Heavy pump rod wraps around wood handle. 2⅔ qts. Premium galv. steel; double seamed, sweat soldered. 5¾" diam., 6¾" wide. 1¼" filler cap. Sh. wt. 2 lb. 3 oz.

B306-438B Capital Sprayer **$5.95**

HUDSON CARDINAL SPRAYER

Same as above but without thumb lever nozzle. Large capacity, rugged design and 2-spray nozzle adapt the Cardinal for heavy-duty use on farms.

H187-436 Cardinal Sprayer. 4¾ lbs. **$3.70**

SAF-T-LOK FLAME SPRAYER [F]

Tank and burner are in one unit. Easy to carry, aim. Saf-T-Lok seal 2-gallon galvanized tank. 8" brass pump with Mono-Valve. Sh. wt. 13 lbs.

H496-6211 Saf-T-Lok Flame Sprayer **$22.00**

DISPOSABLE DUST MASK [G]

New "Ribbed Design" 3M Dust Mask offers a new standard of filtration efficiency for nuisance dust and spray particles plus greater strength—extra comfort and longer life. Cool to wear and easy to speak through.

A completely sanitary personal item. New design enlarges the filtration area up to 5 times the filter area of other masks. Allows freer passage of air. Improved edges flare away from the face for secure, comfortable fit.

Can be reused, but inexpensive enough to discard after a single wearing. Soft metal nosepiece shapes to individual fit.

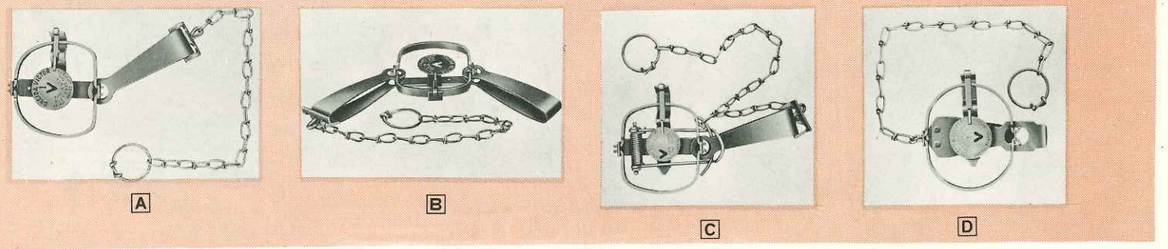
G583-8500 Dust Filter Mask. Per box of 100 **$13.00**
Per case of 500 ..... **65.00**

FAMOUS WILSON AGRI-TOX [H] CHEMICAL RESPIRATOR (Goggles Not Included)

USDA-accepted protection against field level concentrations of commonly used insecticides, fungicides and herbicides such as Systox, Parathion, Tepp, Aldrin, Dieldrin, BHC, Chlordane, Toxathene, DDT, and Phosdrin. Uses the dual protection of filters and chemical cartridges to keep you safe when handling toxic pesticides. Filters stop the solid matter (dusts or spray mists) while the cartridge removes the toxic, and frequently nauseating, vapors which pass through the filter. The air which reaches your lungs is clean and harmless.

You get complete protection against the following: Tepp, Parathion, Thimet, Systox, Demeton, Methyl Parathion, Guthion, Endrin, Malathion, Trithion, Epn, Aldrin, Nicotine, Dieldrin, Diazinon, Toxaphone, Lethane 364, Heptachlor, Ethion, Lead Arsenate, Thiodan, Lindane, Pyrethrins, DDT, VC13, Dipterex, Chlordane, Phosdrin, or any toxic farm or forest chemicals or pesticides.

G533-ATX Agri-Tox Respirator, each **$6.50**
G534-R490 Package of 10 filters for Agri-Tox Respirator **1.20**
G535-11A Package of 4 cartridges for Agri-Tox Respirator **2.50**
T780 Wilson Mono Goggle (not included with mask but illustrated) **1.99**



SAFE-SURE-ANIMAL TRAPS

ONEIDA VICTOR TRAPS

Oneida Victor springs are superior in quality and temper regardless of climate and locality. Will not clog with dirt or corrosion.

SINGLE SPRING TRAPS [A]

Size	Spread of Jaws	Wt. per Doz.	For Catching	Each
M617-0	3½"	5¾ lb.	Barn Rat, Gopher, Weasel	$ .57
M618-1	4"	7½ lb.	Muskrat, Woodchuck, Skunk, Mink	.67
M619-1½	4¾"	12 lb.	Marten, Mink, Skunk, Woodchuck	.95

DOUBLE SPRING TRAPS [B]

Size	Spread of Jaws	Wt. per Doz.	For Catching	Each
M620-2	4¾"	14¼ lb.	Fox, Raccoon, Fisher, Opossum	$1.25
M621-3	5½"	24¼ lb.	Coyote, Fox, Beaver, Lynx, Badger	2.15
M622-4	5⅞"	27¼ lb.	Otter, Beaver, Wolf	2.39

ONEIDA STOP LOSS TRAP [C]

Prevents escape and loss by "wring off." Auxiliary guard moves high up on the animal's body, holding the animal in a position where it can neither twist or gnaw. Guard is not released until the animal pulls on the chain. Light in weight—easy and safe to set.

M623-IVG 4" Jaw Spread for muskrat, mink, skunk. Sh. wt. 15 oz. **$1.05**

ONEIDA JUMP TRAP [D]

Compact, flat and easy to conceal in dens and runways. Exceptionally strong and durable, yet light in weight. Springs operate almost entirely within the jaws.

Size	Spread of Jaws	Wt. per Doz.	For Catching	Each
M624-0	4"	5 lb.	Barn Rat, Gopher, Weasel	.65
M625-1	4½"	7¾ lb.	Muskrat, Hawk, Skunk, Mink	.85
M626-1½	5⅛"	9¼ lb.	Marten, Mink, Skunk, Hawk	1.05
M627-2	5¾"	12¾ lb.	Fox, Raccoon, Fisher, Opossum	1.59
M628-3	6½"	24 lb.	Coyote, Fox, Beaver, Otter	2.25
M629-4	7½"	27½ lb.	Otter, Beaver, Wolf, Badger	2.75

MAGIC MARKER [E]

Just lift the cap and mark on anything. No loose ink. Spill-proof. Available in nine colors: black, red, blue, green, yellow, brown, purple, orange and white. Specify color you desire.

L97 Magic Marker, each ..... **$.77**

MINK EAR PUNCH [F]

Use for marking animals—makes it fast and easy to punch clean, clear hole in cut. Will not injure.

D81-1-1538 Punch. Each ..... **$ .60**

HAND TALLY COUNTER [G]

Excellent for counting kits or any other accurate counting.

Veeder type hand tally. Made in Japan. Exceptionally high quality at low cost. Long lasting chrome plated finish. Carefully machined for smooth, easy, accurate operation. Quickly reset by one turn of the knob. Registers 0-9999.

M820-2 Sh. wt. 5 oz. **$4.75**

VICTOR CONIBEAR TRAP

Strong coil spring works square steel jaws in scissors-hold action. Wire trigger allows use or blind sets, on rafters, suspended, under ice or snow cover. No wring off or fur loss. Works faster than cyanide for killing mink. Jaw spread, 4½" x 5". Wt., 1 lb.

M804-110 Victor Conibear Trap **$1.09**

KETCHUM MINK OR POULTRY TATTOO [H]

A small size, especially designed for tattooing mink or poultry of all sizes from six weeks old chicks to the largest. Also all young stock and small animals. Makes a permanent mark which cannot be removed without mutilating the animal. This size tattoo punch is made to hold either three dies in a row, or three dies in one row and three dies above, thus providing means of making any desired registration or private identification mark. When ordering, state number of holes wanted in punch.

Z710-300 Punch, 6 holes (illustrated) **$3.50**
Z712-301 Dies, Letters or Figures. Each ..... **.40**
Z713-K302 Complete Set, as below **8.00**

One punch, 10 figure dies, 0-9; 3 letter dies, optional; 2 oz. ink (enough to mark 250 birds).

ALUMINUM TALLY SHEET HOLDER [I]

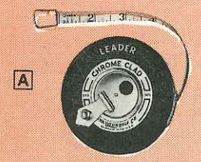
Made for rough field use. Both top and bottom covers are aluminum. Has strong uniform tension spring clip holder which firmly retains loose sheets. Top cover hinged to spring clip. Locks open for easy insertion or removal.

A51-97-858 Holds Sheet Size 5½" x 8½". Ship. wt. 14 oz. **$3.95**
M509-97-862 Holds Sheet Size 6½" x 9½". Ship. wt. 15 oz. **4.70**
M510-97-866 Holds Sheet Size 8½" x 11". Ship. wt. 2 lbs. 14 oz. **5.80**

CLIP BOARD [J]

For Judging Work, Fairs, Agricultural Events. Clip papers together. Firm writing surface, ⅛" tempered Masonite, smooth on both sides. This remarkable fabricated board will not warp or crack, will not peel or split, natural brown color, equipped with strong rust-proof clip.

J31-200 Note Size, 6½x11". Wt., 12 oz. Each **$ .69**
Per dozen **7.59**
J32-204 Letter size, 9x12⅛". Wt., 8½ oz. Each **.72**
Per dozen **7.92**



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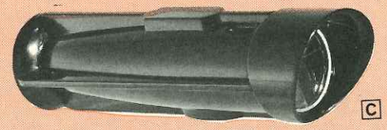

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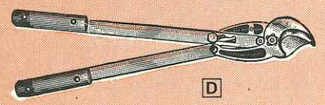

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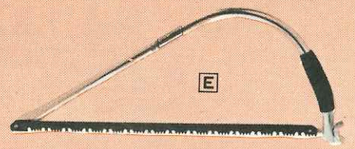

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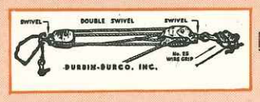

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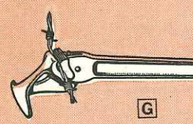

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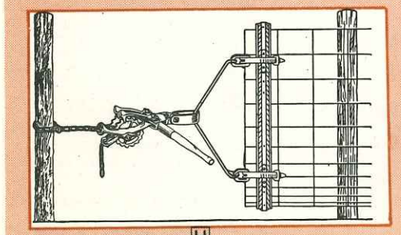

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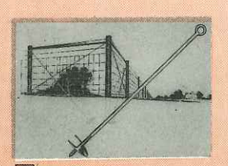

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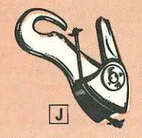

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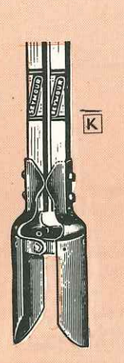

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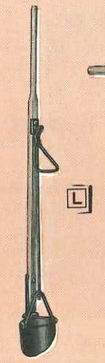

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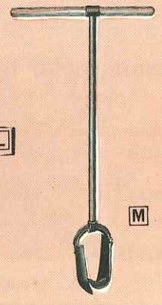

M

LUFKIN "LEADER" A
CHROME CLAD STEEL TAPES

Easy-to-read markings are jet black against Chrome-White surface and free of glare. Line resists rust. Width of tape 3/8". Case is black imitation leather, over a substantial, plated steel liner. Tape has "Instantaneous" readings. 50' tape weight, 15 oz.; 100' tape, 25 oz. Graduated in feet, inches and eighths.

M24-C253 50' Tape marked in feet, inches and eighths. Ship. wt. 1 lb. 2 oz. ..... **$ 7.00**

M25-C256 100' Tape graduated in feet, inches and eighths. Ship. wt. 1 lb. 15 oz. ... **10.50**

K & E Square Tube Hand Level B

The reflector is a narrow prismoid, crossing the middle of the field of view so that the field appears on both sides of the reflected bubble, as shown in the above diagram. Because the lower surface of the tube is flat and parallel to the axis of the level vial, this hand level can be used also as a bench or contact level. Wt. 12 oz.

M242-5703 K & E. Hand Level **$6.75**

TRUE SIGHT HAND LEVEL C

Has hundreds of uses . . . fencing, paving, landscaping, pool construction, drainage, foundations, tiling, contour lines, orchards, building. Gives accurate readings up to 100 yards. A black non-reflective impact resistant phenolic plastic body . . . front-element optic with hardened steel cross-hair . . . unbreakable mirror . . . adjustment-free construction . . . slotted eyepiece for maximum visibility and sharp readings . . . sensitive level vial . . . lightweight, shaped to fit your hand. Sh. wt. 4 oz.

M241-5556 True Sight Hand Level **$2.95**

PORTER POINTCUT PRUNERS D

Top quality two-hand pruning tool for cutting less than 1¼" of wood. Does fast, clean work. Designed for capacity cuts in throat of tool, yet small cuts are quickly and closely made at point with minimum hand travel. Two sharp blades promote quick healing. Cutting capacity, 1¼". Sh. wt. 4 lb. 2 oz.

H7-0290P 24" Porter Pointcut Pruner **$11.00**

TRUE TEMPER E
TUBULAR STEEL PRUNING SAW

Tubular steel, chrome-plated Pruning Saw. Has deep bow for extra clearance. Excellent for camping, farm, orchard and general home use. Light and easy to handle. Non-slip cushion handle. Easy tension take-up adjustment prevents blade twist and gives full blade exposure. Tempered blade is easily replaceable. Blade length, 21"; over-all length, 23".

H450-P21 Pruning Saw. Ship. wt. 1½ lbs. **$2.90**

H452-P21B Replacement Blade. Sh. wt. 3 oz. **1.10**

ROPE WIRE STRETCHER F

Roller bearing. Has four sheaves. All steel, heavy duty construction. Locking device is all steel, never slip safety lock. 16 ft. of 3/8" sisal rope and 30" of 2/0 Tenso chain. Wire grips on both ends for splicing wires. Wt. 4 lb. **E34-44 $3.75**

E35A-88 Wire Stretcher. Similar to above but built for heavier duty fence stretching and hoisting. 4 pulleys, roller bearing. 24 ft. of ½" rope. 3 wire grips, 2 swivels. Wt. 9 lb. **$6.80**

ONE MAN WIRE STRETCHER G

Handy on any farm. Has 22-inch I-beam handle and double ratchet grip. Convenient to carry. Grips wire quickly and tightly. Leaves hand free for nailing. Red finished. Weight, 3¼ lbs.

E35-501 Wire Stretcher **$1.95**

CHAIN RATCHET H
FENCE STRETCHER

A most popular set. Takes up to 50" fence. Stretcher clamp sold separately for use with tractor. Can be used with barbed wire. Stretcher clamp is heavy steel, adjustable, no bolts or nuts, tests over 5,000 lb. pull. Made of extra heavy steel channel bars that clamp quickly together.

Consists of E33 chain type heavy duty hoist and E32 woven wire fence clamp (see below).

E31-66W202 Fence Stretcher complete as illustrated. Weight 58 lb. **$36.20**

E32-WW202 Stretcher Clamp only, wt. 29 lb. **13.20**

E33-66 Chain Ratchet Stretcher only **23.40**

EARTH ANCHORS I

Just screw into ground. No digging. For sandy, clay, loam soils. Like anchors used by telephone and power companies. Widely used for fences over the country. Order 100 lbs. or more for economical shipment.

E232-604 Anchor. 48" long, ¾" rod, 1½" eye, 6" anchor plate. Stands 2500 lb. pull. Wt., 11 lbs. Each ..... **$3.49**; Dozen **$38.40**

E233-404 Anchor. 42" long, 11/16" rod, 1½" eye, 4" anchor plate. Stands 1500 lb. pull in average soil. Wt., 8 lbs. Each ..... **$2.98**; Dozen **$32.64**

E234-326 Utility Anchor. 30" long, 7/16" rod, 1" eye, 3" anchor plate. Stands 750 to 1000 lb. pull. Wt., 2 lbs. Each ..... **$1.69**; Dozen **$18.60**

WIRE GRIPS J

Certified malleable iron. The harder you pull, the tighter it grips wire. May be used on barbed or smooth. Safe, non-slipping. Wt. ½ lb.

E36A-23 Each ..... **$ .35**

POST HOLE DIGGER K

Hercules pattern. Hinge type. Forged steel yoke with heavy, heat treated and sharpened carbon steel blades. 6" in diameter, takes 10" deep bites. 4' ash handles. Wt., 9⅓ lbs.

E37-11 Each **$6.35**

SINGLE BLADE POST HOLE DIGGER L

Very good for stony soil, sand or gravel. Blade is locked straight for digging. Lever closes blade for lifting dirt from hole. Use as spade to refill hole. 4½-ft. handle. Wt., 10 lbs.

E42-19 ..... **$7.20**

AUGER POST HOLE DIGGER M

Hardwood handle. Steel tee welded to high tensile strength shaft. Heavy-gauge alloy steel blades held together at center by riveted straps to prevent spreading. Size, 6" diameter.

E41-86 Wt. 8½ lbs. **$6.40**

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INSULATED COVERALL A

This garment provides the answer to the farmer, milk hauler and outdoor man who wants LIGHTWEIGHT, WARM PROTECTION from all types of weather. The shell is 100% cotton twill, Spruce color. Insulation is 100% DuPont bonded "Dacron" polyester fiberfill. "Dacron's" natural fluffiness reduces the weight of material required for adequate insulation, resulting in warmth, extra wearing comfort, ease of movement.

Can be washed; quilted lining dries quickly because the "Dacron" and the nylon taffeta interlining absorb little moisture during washing. The original insulating effectiveness is retained washing after washing, wearing after wearing. Average wt. 3¼ lbs.

1A165-904 Insulated Coverall, sizes 36 thru 46. Each **$14.90**

1A166-904X Insulated Coverall. Size 48-50 ... **15.90**

"THE DUDE"—FINEST SHEEP B
SKIN VEST MADE ANYWHERE

New from Nasco! A sheep skin vest that looks, feels and wears like an aristocrat. Specially selected first quality prime pelts, beautifully bark tanned, beautifully tailored. Brandy color outside, trimmed in brown. Zipper front. Heavy, golden fleece inside for maximum protection, long wear. Roomy pocket. Preferred by Western cattlemen and sheepmen. Small, medium, large, extra large. Add 10% to price for extra large sizes, and allow extra time for delivery.

1A199 Dude Sheep Skin Vest **$10.95**

SHEEP SKIN VEST
WITH KIDNEY FLAP

We've sold thousands of this old favorite. Handsome natural chrome tanned sheep skin with heavy fleece lining, and 3" kidney flap to protect waist line and small of back. Completely sewn and bound edges all around, zipper front, roomy pocket. Same design, and same sizes as "The Dude."

1A194-300 Sheep Skin Vest with Kidney Flap **$6.45**

WHITE SHOW COAT C

Perfect for shows, field days. Famous Lee brand —America's quality line. Features Bi-Swing action back properly pleated to present a form-fitting look without binding. Triple-stitched main seams. Big, roomy pockets. Concealed buttons. Long-wearing white herringbone twill material. Regular length. State chest size—34 to 50.

Z1225 White Show Coat **$5.95**

Z1225A White Show Coat with up to 15 letters 2" high, script or block style, across back plus name on vest pocket in 1" script. State lettering desired front and back. **6.95**

Each additional 2" letter. Each ..... **.05**

PULL-OVER-YOUR-SHOES BOOTS D

With Tempered Soles and Uppers
Give Third More Wear Per Pair

They are neat, clean, comfortable and go on and off in a jiffy. Easy to wash.

Easy to pull on and off over your regular shoes between farms. Extra toe guard, cross ridge tire tread soles, stretchy net lining. Strap at top holds snugly just below knee. Made of lighter weight material than ordinary knee boots to be flexible and easy to slip on and off. If you wear heavy work shoes, order boots one size larger, otherwise order same size as shoes. No half sizes. Approx. sh. wt. 4¼ lbs. pr. Boots are 18" high.

A116-MB961 Pullover Boots, size 6 ..... **$8.70**
A117-MB961 Pullover Boots, size 7 ..... **8.70**
A118-MB961 Pullover Boots, size 8 ..... **8.70**
A119-MB961 Pullover Boots, size 9 ..... **8.70**
A120-MB961 Pullover Boots, size 10 ..... **8.70**
A121-MB961 Pullover Boots, size 11 ..... **8.70**
A122-MB961 Pullover Boots, size 12 ..... **8.70**
A123-MB961 Pullover Boots, size 13 ..... **8.70**

PULL-OVER BOOTS, E
MEDIUM HEIGHT

12" high. Wide opening at top. Top rubber quality with tempered rubber uppers and sole to make them self cleaning. Wide last accommodates heavy work shoe easily. Have take-up strap and buckle, net lined. Order boots one size larger for work shoes, otherwise same size for dress shoes. No half sizes. Approx. sh. wt. 4 lbs. per pair.

A413-MB962 Medium Height Boot, size 7 ..... **$8.45**
A414-MB962 Medium Height Boot, size 8 ..... **8.45**
A415-MB962 Medium Height Boot, size 9 ..... **8.45**
A416-MB962 Medium Height Boot, size 10 ..... **8.45**
A417-MB962 Medium Height Boot, size 11 ..... **8.45**
A418-MB962 Medium Height Boot, size 12 ..... **8.45**

SHORT PULL-ON BOOT F

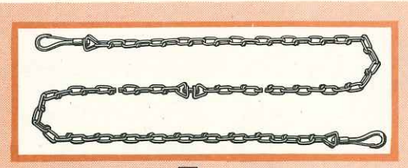
Shorter and lighter than our standard boot, dressier and more comfortable. Clean and smooth, easy to wash or sterilize. Take-up snap tab at top. 11½" high. Ship. wt. 1 lb. 11 oz.

A220-MR831 Size 7 ..... **$5.55**
A221-MR831 Size 8 ..... **5.55**
A222-MR831 Size 9 ..... **5.55**
A223-MR831 Size 10 ..... **5.55**
A224-MR831 Size 11 ..... **5.55**
A225-MR831 Size 12 ..... **5.55**

THERMAL HANDWARMERS G

Keeps hands warm even in sub-zero weather. Lined with navy 3-dimensional Thermal Arctic Fabric. Outer skin of Wild Pig Split, seamless palm and back, reverse gunn. Chrome tanned. Washable in mild soap, will always stay soft. Specify size—small, medium, or large. Ship. wt. 8 oz.

1A190 Small **1A191** Medium **1A192** Large Thermal Handwarmer **$2.49**



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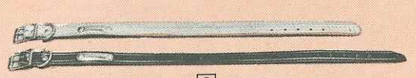

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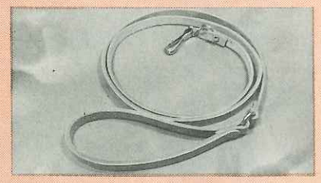

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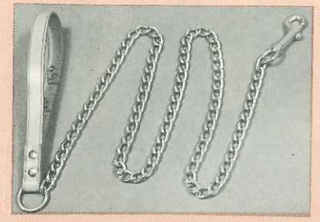

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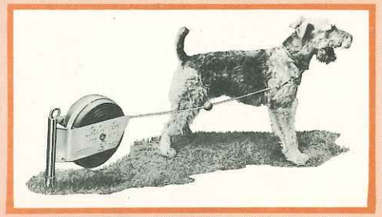

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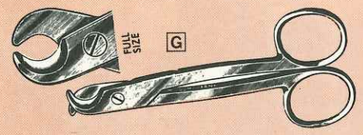

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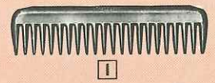

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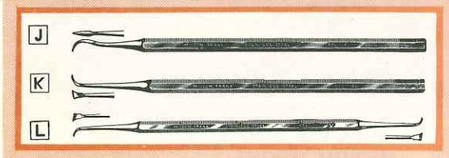

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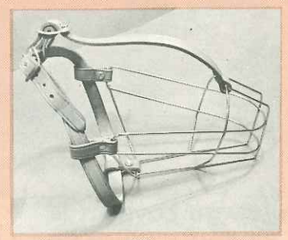

N

KENNEL CHAIN A

Made of Inco pattern coil chain. Bright plated finish with swivel snaps on each end and swivel in center. Made of 13-gauge wire, .092" diameter. 10' long. Ship. wt. 12 oz.

C2416-2 Kennel Chain. Each ..... $ .89

DOG RUNNER CHAINS

A general utility chain designed primarily to hold animal to line or wire. Similar to Kennel Chain, except it is longer. Bright plated finish with swivel snap at each end, and swivel in the center.

C2417-2 Runner Chain, 13-gauge, 12' long. Ship. wt. 1¼ lbs. Each $1.20

C2418-1 Runner Chain, 12-gauge, 15' long. Ship. wt. 2 lbs. Each 1.45

CHOKE COLLARS B

Used for dog training. Nickel-plated chain is looped back through ring and placed over animal's head

C2370-3138 Choke Collar, 18" over-all. App. ship. wt. 8 oz. Each ..... $ .70

C2371-3138 Choke Collar, 22" over-all. App. ship. wt. 12 oz. Each ..... .75

DOG COLLARS C

Top-quality leather strap with bright plated D ring and buckle. Available in three lengths and two sizes to accommodate the average farm or working dog. Av. ship. wt. 3 oz.

C2553 Dog Collar, 18" x ⅝" ..... $ .59
C2554 Dog Collar, 18" x ¾" ..... .89
C2555 Dog Collar, 20" x ⅝" ..... .59
C2556 Dog Collar, 20" x ¾" ..... .89
C2557 Dog Collar, 22" x ⅝" ..... .59
C2558 Dog Collar, 22" x ¾" ..... .89

ALL LEATHER LEASH D

Approx. ⅜" wide. Over-all length 53" including generous 5" hand loop. Bright plated swivel snap and hardware. Ship. wt. 3 oz.

C2559 Leather Leash ..... $ .63

CHAIN LEASH E

Bright plated chain and swivel bolt action snap. 6½" leather hand loop. Over-all length 46". Ship. wt. 10 oz.

C2560 Chain Leash $1.49

"DOG TENDA" F

Automatically retracting line does away with outmoded chains and ropes, gives your dog a larger area of freedom with no tangling or binding. Rotates 360° both horizontally and vertically, for complete freedom of movement; reel adjusts automatically to proper height of animal; 15' of nylon-covered flexible steel cable allows 30' of running room and a roving area of more than 700 square feet; cable extends or retracts automatcially with animal's movement, eliminating tangled ropes or chains; featherlite tension provides comfortable slack-free line. Easily and quickly installed . . . all mounting hardware included for both wall and in-ground mounting; freely rotating snap bolt fits any dog collar; completely portable—take it with you to the shore, picnic grounds, etc. Beautifully styled baked red enamel finish. Durable all-steel housing. Ship. wt. 19 lbs.

C2369-DT-15 Dog Tenda $8.95

WHITE'S CANINE TOE G NAIL CLIPPER

Made of chrome-plated surgical steel. Blades are overlapping to encircle the nail. These are designed for the toughest nails and finer claws. App. ship. wt. 3 oz.

C2384-V725 Canine Nail Clipper $3.25

ANIMAL NAIL TRIMMER H

Does a neat, quick job of trimming any kind of claw or small nail. Chromed finish. Ship. wt. 4 oz.

AT272 Nail Trimmers $2.95

DOG COMB I

Aluminum. Length over-all 4⅛". App. ship. wt. 5 oz.

C2372-3197 Dog Comb. Each ..... $ .59

TARTAR SCRAPERS

Stainless steel, properly designed and shaped for convenient use.

J **C2385-V3** Single end claw-type for scraping between teeth. Each $1.85

K **C2386-V33** Single end curved, angular edge for flat scraping. Each 1.85

L **C2387-V29** Double end, angular edge curved for flat scraping. Each 2.30

MOTOR DRIVEN DOG CLIPPERS M

Universal motor-driven dog clipper is powerful, yet small and light. Easy to grip and work in "hard-to-get-at" places. 32-page illustrated instruction book covers clips for poodles and most other breeds, with special clips for hunting and working dogs. Brush, medium blade, and special oil included. Ship. wt. 2 lbs.

C1765-95-01 Electric Dog Clipper $29.95

DOG MUZZLE N

Sturdy wire and leather muzzle. All metal parts bright plated. Ship. wt. 5 oz.

C2561 Dog Muzzle $1.59

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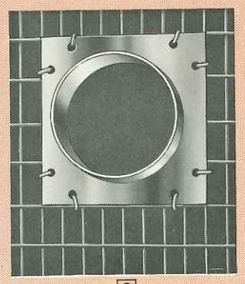

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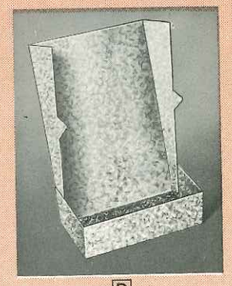

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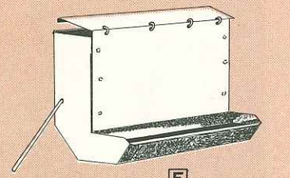

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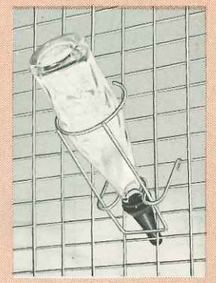

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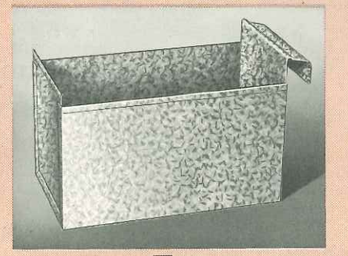

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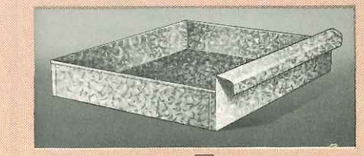

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CHINCHILLA TATTOO A

Especially designed for Chinchillas. The pliers, which holds four letters, is conveniently placed over the exact place where a Chinchilla's ear should be tattooed. When all four letters are used, the maximum area required is but 1".

A set consists of: 4 letters, 10 numbers 0-9, ink, and nickel-plated lock bar pliers. Ship. wt. 2 lbs.

C2292-101C Chinchilla Tattoo Outfit $14.00
C2293 Extra Digits. Each ..... .55
C2294 Letters of the alphabet. Specify letters wanted. (There is no Q.). Each ..... .55

SPAULDING SPECIAL B ELECTRIC TATTOO MARKER

All animals can be permanently marked with this electrically-driven tattoo marker. Any number or ranch mark may be placed on the animal, requiring less than one minute. Equipped with finger-tip control switch for easy use. Plugs into any 110-120V outlet. Includes tattoo marker, transformer, and 2-oz. bottle of black tattoo ink. Ship. wt. 4¼ lbs.

C1308 Electric Tattoo, Complete $25.00
C2517 Extra Needle 1.00
C2518 Black Tattoo Ink, 2 oz. 2.00

MALE PASSAGE RING C

Heavy galvanized. Hole diameter, 2¾". Punched for ringing. Sh. wt. 4½ oz. each.

V949 Male Passage Ring. Each ..... $ .55

CHINCHILLA PELLET FEEDER D

4" high, 2⅞" wide. Fits 1½" x 3" opening. Has tabs for fastening to cage. Sh. wt. 19 lb. per 100.

V931 Pellet Feeder. Each ..... $ .42

NASCO RABBIT FEEDER E

Whether you have one or one hundred rabbits, you will find this galvanized metal feeder a real convenience. Quickly attaches to hutch or cage with two wire fasteners.

Hinged top makes for easy access to hopper, properly slanted at rear to keep feed moving into trough.

Inside hopper measurements 11⅜" long, 2⅞" wide, 5¼" deep. Trough area 11⅜" long, 1⅞" wide, 1½" deep.

Record card holder on back of hopper for holding various types of record cards. Ship. wt. 2 lbs.

E486 Rabbit Feeder. Each $1.00

WIDE BASE PET DINNERWARE

Molded from tough, non-breakable polyethylene. Tapered sides are designed to prevent dish from tipping over or creeping. The finest pet dinnerware made. See F and G below.

KITTY-PUP DISH F

Just the right size for cats, kittens, puppies or other small pets. Top 5¼", bottom 6½", height 2½". Ship. wt. ½ lb.

C2374-950 Kitty-Pup Pet Dish ..... $ .37

KING-SIZE PET DISH G

Holds enough food for the biggest dog. Collies, Dobermans, Shepherds, etc. Top 7½", bottom 9⅜", height 3". Ship. wt. 1 lb.

C2373-1000 King-Size Pet Dish ..... $ .75

WATER BOTTLE HOLDER H

10 ga. galvanized wired holder. Very convenient for use with a ½ pint milk bottle as well as many other bottles. Sh. wt. 13¾ lb. per 100.

V930 Water Bottle Holder. Each ..... $ .25

"LITTLE GIANT" I AUTOMATIC PET WATERER

Tested, approved and recommended by veterinarians, breeders, kennels and home owners. Used by almost every major university in the country in their veterinarian clinics. No training required. No mess from spilled or dripping water. Simple automatic way to water your pet. Outlasts and outperforms all other watering systems. Rigidly built with brass valve and non-rusting metals. Bowl of tough, long-wearing, molded plastic holds 1½ quarts of water. No floats, gadgets or special devices to get out of order. Water flows automatically when the water drops below the desired level and shuts off automatically when the bowl is re-filled.

Easy to install. Connects to ½" water pipe. App. ship. wt. 2¼ lbs.

C2375-800 Regular Waterer $4.90

REGULAR WATERER KIT

Similar to C2375-800 bowl and valve. Includes 2-ft. hose and couplings, height-adjusting bracket with 4 screws, 16" "S" pipe, solid brass valve, 1½-quart, high-impact green plastic bowl. Quickly and simply installed by securing to side of house or other building with four screws. Ship. wt. 4 lbs.

C2376-850 Regular Waterer Kit $6.95

DUST BOX J

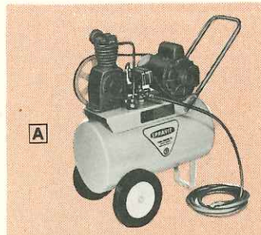
8" long, 4¾" wide, 5" high. Sh. wt. 1 lb. 6 oz. each.

V929 Dust Box. Each ..... $ .50

GALVANIZED TRAYS K

17½" x 15" x 2¾". Other sizes available. Sh. wt. 4 lb. 5 oz.

V946 Trays. Each $1.35



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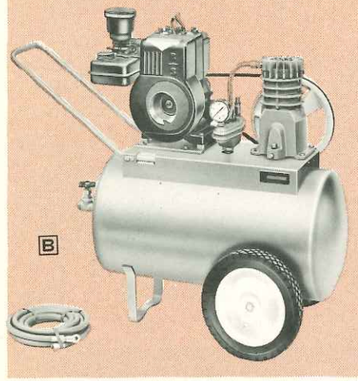

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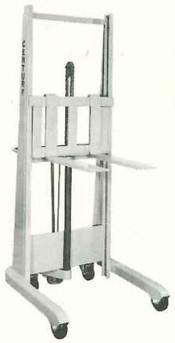
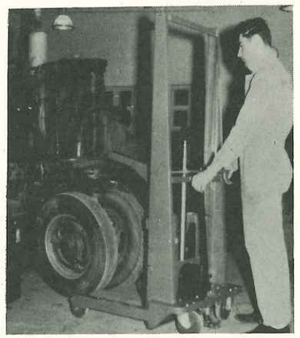




The NASCO Century

LIFT TRUCKS

$229.00
WITH PLATFORM

$253.00
WITH FORK LIFT
F.O.B. FACTORY

Built strong as a bridge of heavy-gauge steel alloy, heat-treated for extra hardness. Features a 60" hydraulic lift, double ball bearing casters and a balance so perfect you don't guide it, you glide it. Takes a 1,200-lb. load up, down, forward and back . . . anywhere. Choice of four models, plus attachments.

MANUAL HYDRAULIC MODELS

Z2336-1260HP Platform Model $229.00
Z2337-1260HF Fork Model 253.00

ELECTRIC HYDRAULIC MODELS

Z2338-1260EP Platform Model $345.00
Z2339-1260EF Fork Model 369.00

ACCESSORIES

PLATFORM COVER FOR FORKS. Slip-on type, slides over forks. Converts fork lift to platform lift.
Z2340-PCF-12 Platform Cover $24.60

BOOM FOR FORK CARRIAGE. Complete with 32" chain and hook. Converts fork lift to multi-use hoist. Replaces forks.
Z2341-BFC-12 Boom $48.50

SPRAYIT 2810 A
½ HP PORTABLE COMPRESSOR AND 7½ GALLON TANK OUTFIT

Automatic piston-type compressor ruggedly built for many home, suburban and light commercial applications. Ideal for inflation up to 75 lbs. Air chuck supplied.

Heavy - duty bearing construction, balanced crankshaft, stainless steel valves, positive-splash lubrication. Capacitor-type heavy-duty motor, overload protected. Full year written Sprayit warranty.

SPECIFICATIONS:
AIR DISPLACEMENT—3.3 cfm.
AIR DELIVERY—2.3 cfm at 60 psi, 2.1 cfm at 75 psi.
AUTOMATIC CONTROL—Pressure switch cuts in at 60 lbs., out at 75 lbs. UL-approved.
MOTOR—½ hp, capacitor type, 120 volt, 60 cycle, 1750 rpm.
TANK—7½-gallon, pre-tested at 300 lbs.
COMPRESSOR TYPE—Single piston.
BORE AND STROKE—2.0" x 2.0"
PRESSURE GAUGE—0-100 lbs.
SAFETY VALVE SETTING—80 lbs.
CARRIAGE—8-in. wheels, semi-pneumatic rubber tires, self-lubricating.
DIMENSIONS—31" x 14" x 27" high.

Z2313-2810 SPRAYIT Tank-Compressor Outfit—Complete as shown. Includes 15-ft. air hose, Schrader-type tire chuck, 8-ft. cord. Ship. wt. 85 lbs. $139.50
Z2314-948 Paint Spraying Kit—Order separately for all spraying purposes. Includes all-aluminum Spray Gun, air pressure regulator, pressure gauge, and assorted fittings for proper installation. Sh. wt. 4 lbs. 17.75

CAMPBELL-HAUSFELD COMPRESSORS Model VS-2030 B

1 cylinder tankmobile, mounted on 12 gal. portable tank with 10" wheels. 2¾" bore x 1½" stroke. 2 hp. gas engine. Delivers 2.9 CFM at 40 PSI, 2.3 CFM at 100 PSI. Displaces 3.9 CFM. Complete with 15' air hose and air chuck.
Z2555-VS2030 Tankmobile, engine operated. Ship. wt. 110 lbs. $155.00

PORTABLE AIR TANK C

Take compressed air where you need it with this lightweight portable tank. Pump it up, carry it by the convenient handle. 8-gallon capacity, 125 lb. cocking pressure, pretested at 300 lbs. Dimensions: 13½" high, 26" long, 11" wide. With 6-foot ¼" I.D. air hose with tire chuck and ¼" connection, 0-150 lbs. pressure gauge. Ship. wt., 25 lbs.
T761-931 Portable Air Tank $28.95

H.D. 3-CONDUCTOR GROUNDING TYPE POWER CABLE EXTENSIONS D

Heavy duty, 3-wire male attachment plug with metal cord clamp, and 3-wire armored bakelite female connector, both UL approved and rated 15 amp-125 volt. 14-3 .500 O.D. vinyl flexible power cable, impervious to oil, grease, and moisture—resists abrasion and acid. Heavy duty UL approved cable clamp, male and female connectors.
T918-613 25' long. Sh. wt. 3 lb. 13 oz. $5.65
T919-614 50' long. Sh. wt. 6 lb. 10 oz. 8.65

HEAVY DUTY POWER CABLES E
14-2 .405 O.D. VINYL FLEXIBLE POWER CABLE

Impervious to oil, grease, and moisture—resists abrasion and acid. Heavy-duty, UL-approved cable clamp, male and female connectors.

Cat. No.	Length	Amperage	Ship. Wt.	Price
T810-213	50'	10-12	5½ lbs.	$4.30
T811-214	100'	7-8	10 lbs.	7.70

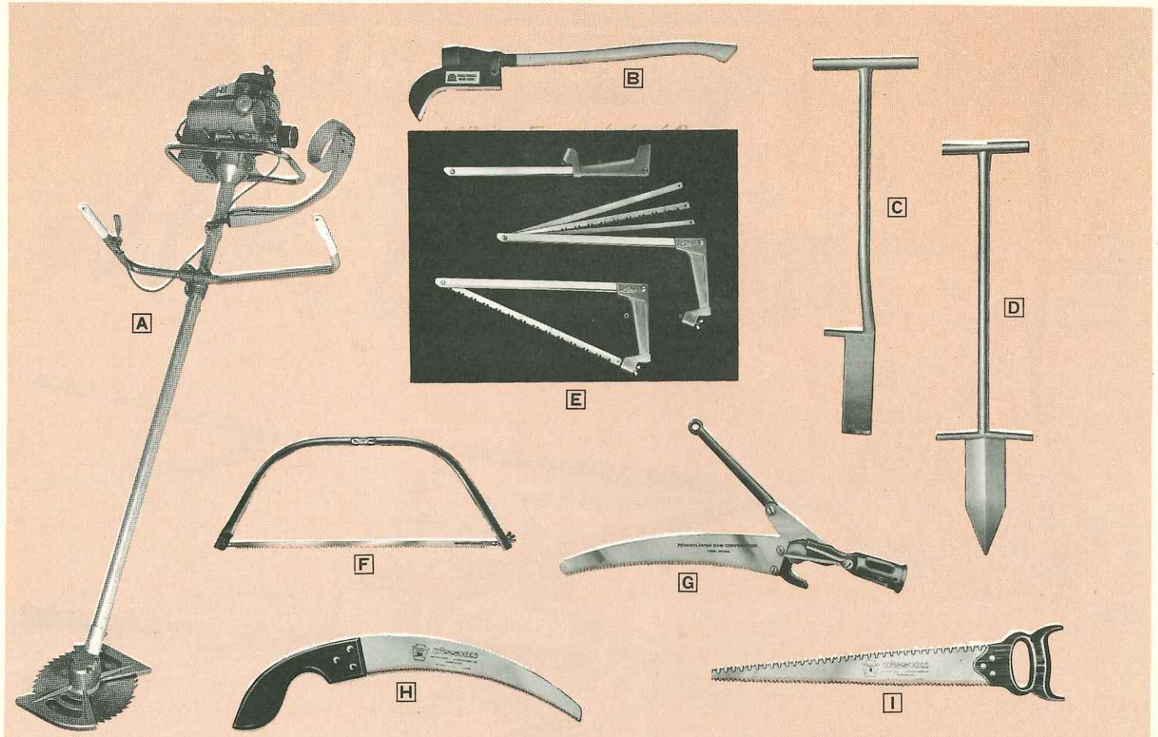
12-2 .500 O.D. VINYL FLEXIBLE POWER CABLE

Impervious to oil, grease, and moisture—resists abrasion and acid. Heavy-duty, UL-approved cable clamp, male and female connectors.

Cat. No.	Length	Amperage	Ship. Wt.	Price
T786-903	50'	15-16	6¾ lbs.	$5.95

18-2 SJ UL APPROVED RUBBER SERVICE CABLE

Fine, all-around, heavy-duty cord. Has tendency to absorb grease and oil.
T435-182 25', 18-2 gauge, 5-6 amperage. Ship. wt. 2½ lbs. $1.85



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HOFFCO CHRISTMAS TREE A AND BRUSH CUTTER

The Hoffco MP-51 is the ideal power Christmas tree cutting saw and general purpose power tool. Make the cut in a split second. No more aching backs, wet, bruised knees or needle-injured eyes that are such problems in hand saw harvesting. Cuts 1,000 to 1,800 trees per day.

Clear land anywhere—fast. Over rocky terrain, through dense growth—even under water. Lightweight—only 26 lbs. 2½ HP MP Brush-cutter with a 10" circular saw blade cuts grass, weeds, saplings and trees up to 5" in diameter. At least 5 times faster than by hand—and so much easier.

You work in a fully upright position with the lightweight power unit comfortably slung-mounted over your shoulder.

For special jobs, the Scythette, Trimette and Sawette attachments are available.

Single cylinder, 2 cycle, 2 port, 2½ HP engine. All-position Tecumseh carburetor. Phelon hi-tension flywheel-type magneto. Sintered bronze self-lubricating drive shaft bearings. Steel drive shaft with spline ends. Variable speed governor set at 4200-4400 RPM.

M1177-MP-51 Power unit with 10" circular saw attachment $149.00
M478-KC10 Sawette Head—10" bar 64.50
M1178-H Trimette Head 54.50
M1179-T Scythette Head 49.75

BRUSH HOOK, SINGLE EDGE B
With Strap

Earle Special, one edge, 3¼-lb. head, 36" handle. Drop-forged, tempered and sharpened. High carbon steel. Selected hickory handle. Ship. wt. 5½ lbs.

M867-18-1E Brush Hook with strap $6.60
12 or more, each 6.50

PLANTING BAR C

This bar is made with offset handle so that the top of the blade may be used as a step. Step is projected to provide ample rest for foot. Blade made of high carbon steel, electric-welded to shaft of heavy tubing. The blade is hammered to shape, ground to point and heat-treated to stand hard use. Blade is 10" long, 3" wide, and ¾" thick at top, tapering to edge. Over-all length, 37". Ship. wt. 9 lbs.
H63 Planting Bar ..... $ 4.95
Dozen 55.20

KBC PLANTING BAR D

The KBC Bar is of recent design and features a pointed blade of triangular cross-section, particularly suited to large seedlings and certain types of soil. Blade dimensions: 12" long x 4" wide x 1" thick at center. Overall length, 42". Shipping wt. 12 lb. 2 oz.
H330 KBC. Each $7.00
12 or more. Each 6.00

SAFOLD SAW E
New—Revolutionary Safety Saw

Just about the slickest tool for all-around use that you've ever had your hands on.

Blade folds completely into handle. Can be opened or closed in a split second. Nothing like it to carry in your car or hook to your belt with handy belt catch. Top quality throughout. Saws come complete with 21" standard pruning blade, but saw is designed to carry 3 blades in the top channel.
H565-CS-63-1 Safold Saw, chrome channel, 21" standard pruning blade. Sh. wt. 2 lb. $5.95
H566-AL-63-1 Safold Saw, anodized aluminum channel, with 21" standard pruning blade. Sh. wt. 1 lb. 3 oz. $6.95
H567-ST-21-PB Extra 21" standard pruning blade. Sh. wt. 4 oz. 1.10
H568-SS-21-MBC Stainless steel meat and bone cutting blade. Sh. wt. 4 oz. 1.55
H569-RQ-21-MBC 21" Utility blade. Sh. wt. 4 oz. 1.35

SANDVIK BUCK SAW F

This is the ideal saw for farmers, campers, and home owners for wood bucking, tree pruning, cutting poles and ties, sawing rough timber, and dozens of other tasks where ruggedness and high sawing speed are important. Full 18-gauge steel tubing frame of exceptionally high carbon content for resiliency and blade tension. 30" blade. Blades meticulously sharpened and set—not just stamped teeth. Ring blade fastener makes blade insertion and removal simple. No nuts and bolts —no pins or screws—no rivets. 12" clearance to handle all wood normally cut. Wt., 1¾ lbs. Complete with blade.
H222-15 Sandvik Buck Saw $3.40
H528-51 Extra Blade for 30" Buck Saw 2.15

POLE PRUNING SAW, G
SHEAR AND HOOK

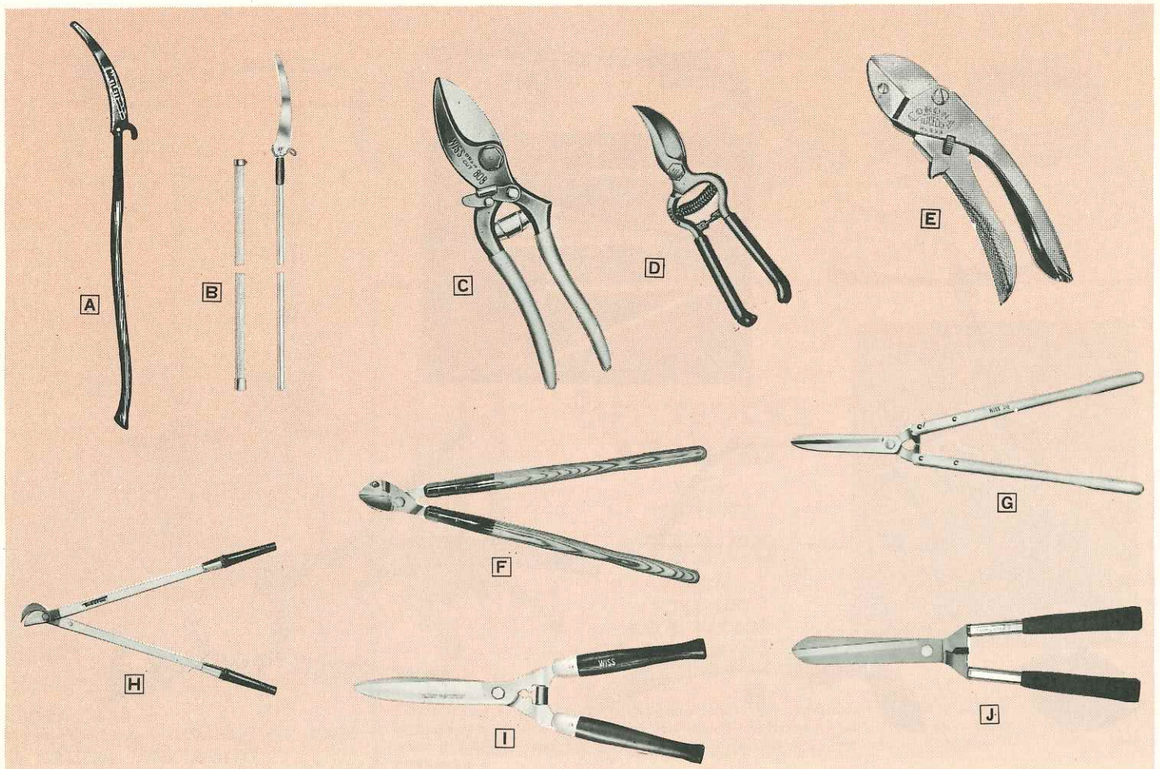
This popular combination tool has curved pruning saw blade, shear for cutting branches up to ¾" and hook for pulling off dead wood. Blade is 9½" long with fine needle-point teeth. No pole supplied. Malleable iron socket for mounting to pole. Ship. wt. 2 lbs.
H10-167 Pruning Saw Combination $5.69
H11 Extra 9½" Blades. Each 1.80

DISSTON PRUNING SAW H

Known as the "California" pattern. Disston steel blade, taper ground 8 points to the inch. Reversed teeth cut on draw stroke. Weather-proofed hardwood handle. Comfortable grip. Length of blade, 14". Ship. wt. 12 oz.
H17-50 Pruning Saw. Each $4.15

DISSTON NO 4 PRUNING SAW I

Straight tapering blade with cross-cut pattern teeth on one edge, 8-point lumberman pattern on other. 2½" wide at handle. Blade securely attached to hardwood handle with three saw screws. Ship. wt. 1 lb.
H304-40 Pruning Saw $5.95



MEYLAN PRUNING SAW [A]

The handiest and most durable Pruning Saw yet devised.

Special heavy tool steel blade ruggedly mounted on an axe handle particularly designed for this saw. Handle is 36" long, tapered to fit the steel head. Blades available in 16" or 18" lengths. Average height man can prune to 9½ feet with ease.

H285-414 Meylan Saw, 16" blade. Ship. wt. 2½ lbs. **$13.25**

H286-414 Meylan Saw, 18" blade. Ship. wt. 4 lbs. 6 oz. **13.75**

TRUE TEMPER POLE SAW [B] with Adjustable Aluminum Handle

The lightest, handiest, fastest cutting Pole Saw we've ever seen.

Fine, tempered steel, 16" blade cuts on forward and backward stroke, has 8 points to the inch. Can be locked in 6 different sawing positions. One-piece aluminum head and handle with eye hook. Two-piece aluminum handle telescopes to lengths from 4 to 8 feet. Head detaches for use as conventional hand pruning saw. Metal clamp tightens and holds sections firmly at desired length. Lower section of handle is ribbed for positive grip and control. Use limb hook for opening saw cuts, dislodging loose limbs, rope attachment or storage. Limb hook fitted with leather thong. End of handle fitted with rubber butt cap. Ship. wt. 4¼ lbs.

H459-PS16-8 Adjustable Handle Pole Saw **$9.95**

DRAW CUT PRUNING SHEARS [C]

Hot drop forged high carbon steel. Hardened and tempered for keen durable cutting edge. Volute spring and hand closing latch. Rust resistant finish, plain handle. 8" long. Wt., 1 lb.

H46-808 Draw Cut Pruner. Each **$4.25**

CORONA HAND PRUNERS [D]

Rieser type, medium size. Light weight model, unsurpassed. Long, thin, narrow, rapier-like blade. Semi-curved hook is slant ground to sharp edge. This combination gives "twin cutting power." Designed not to slip, bruise, mangle or tear. Open end handles with "Velva-Sof" handle grips. 7⅞" long. Wt., 12 oz.

H429-60 Corona Hand Pruner. Each **$3.85**

ANVIL TYPE "SLICE CUT" SHEAR [E]

America's Finest Pruning Shear. Pistol grip. Oversize pivot bolt. Knurled handles replaceable, blade replaceable, soft metal anvil—chrome plated steel. Length, 18". Ship. wt. 1 lb.

H309-89A Anvil Type Shear. Each **$3.25**

TRUE TEMPER [F] ADJUSTABLE ANVIL LOPPER

Hard to believe how easy it cuts. Hardened steel blade for easy cutting, long life. Adjustable anvil allows blade to be resharpened many times. After sharpening, anvil can be repositioned to meet blade squarely, providing a full, clean cut at all times. Steel tubular ferrules are finished in bright crystalite maroon. Strong 22" ash handles are fire-hardened. Over-all length 27¾". Ship. wt. 2½ lbs.

H462-106 Adjustable Anvil Lopper **$5.95**

LONG-HANDLED HEDGE SHEAR [G]

Excellent for shearing Xmas trees over 6 feet tall. Ideally suited for trimming high hedges, lilacs, evergreens, and other similar shrubbery. 21" hickory handles bolted to knife tangs give extra leverage and longer reach. Hot drop-forged steel blades. Bottom blade notched and serrated. 8" blade. Wt. 3¼ lbs.

H313-218 Hedge Shear. Each **$5.95**

12 or more, each **5.75**

LOPPING SHEAR [H]

Strongest, most powerful lopping shear made —the professional's favorite. Drop-forged steel hook and blade for long-lasting keen edge, hardened and heat treated for extra toughness. Threaded pivot bolt for positive cuts—no slacking or spreading when cutting. Forged "stop," white tangs for quick identification. Attractive black handles are easily gripped, scored for secure grip. Bright chrome ferrules cap handles—tangs go through handles forming single unit construction that lasts a lifetime. Ideal for heavy work of nurserymen, maintenance men, linemen and quality-conscious amateurs. Length, 28¼". Wt. 4½ lbs.

H1-7A Lopping Shear **$8.35**

FAMOUS WISS "ENGLISH PATTERN" [I] SHOCK ABSORBER SHEARS

Finest for Christmas tree shearing. Made for the professional grower and the home user. Light weight, perfect adjustment and balance. Hot drop-forged, hardened, tempered, hollow ground, tapered, one serrated, and notched knife blade. Length of blade, 8½".

H226-8½E Wt., 2½ lbs. **$5.75**

TRUE TEMPER [J] HEDGE AND XMAS TREE SHEAR

Heavy-duty, polished, serrated blades for long-lasting sharpness and non-slip cutting. Blades are sharpened "set" and adjusted for clean cutting with minimum effort. Shock-absorbing bumper.

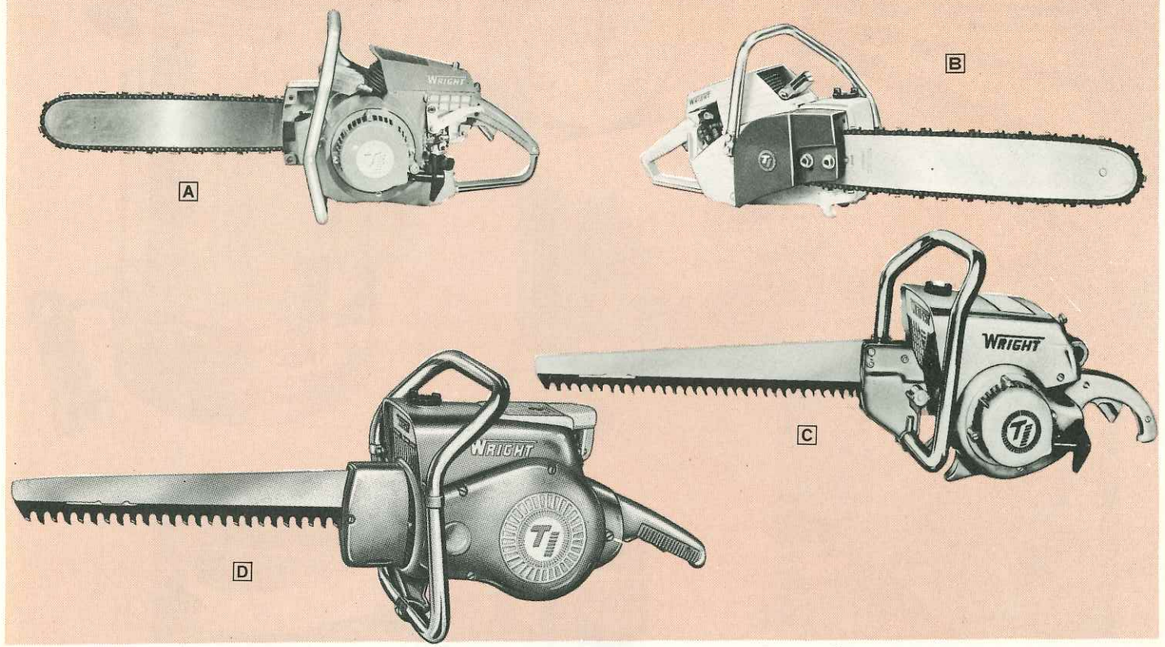
Chrome-plated tubular steel handles are light and strong.

Neoprene grips that are comfortable and shock-absorbing.

8½" blades. Over-all length, 22". Ship. wt. 2½ lbs.

H460-AT85C **$7.25**

WRIGHT® POWER SAWS



WRIGHT POWER SAWS

The most versatile and efficient line of power saws on the market. The famous Wright reciprocating blade saw can do anything—from the roughest logging to a finish woodworking cut—and do it safer than any other saw on the market. With the addition of the new powerful chain saw models, "Wright" has become the by-word wherever wood—in any form—is cut.

Foresters, tree farmers, Christmas tree growers, farmers—all are finding the safe, smooth-cutting reciprocating blade Wright saw necessary basic equipment. Run it into sand or water without damage; cut through brush without danger; and cut a square timber with smooth precision. Ideal for pruning.

WRIGHT CHAIN SAW [A]

It was inevitable that the great success enjoyed by the reciprocal blade saw should lead to the development of the finest chain saw by the same company. The new Wright Chain Saws now provide a Wright model for every conceivable job —from the lightest to the heaviest.

The Model C50 is the fastest cutting and most durable chain saw in the moderate price range. Modern-design engine for full torque at lugging speeds. Over-square, loop scavenged engine. Weighs only 18½ lbs., less bar and chain. Available with 14", 17", 21" and 25" bar. Also available with roller nose bar. Engine designed and manufactured by Wright. 4.7 cu. in. displacement.

Z2199-C50D 14" Bar, Direct Drive **$149.95**

Z2200-C50D 17" Bar, Direct Drive **164.50**

Z2201-C50D 21" Bar, Direct Drive **169.50**

Z2202-C50D 21" Bar, Direct Drive with roller bar **173.50**

Z2203-C50G 17" Bar, Gear Drive **211.50**

Z2204-C50G 21" Bar, Gear Drive **216.50**

Write for specifications on the big new super Wright C70 series chain saws. This 7.06 cu. in. engine chain saw is the **only** saw with the Power Shift for easier starting. Prices begin at **$214.50.**

Light Weight POWER HOUSE [B] NEW WRIGHT C-40 CHAIN SAW

It's hard to believe that a chain saw can be so light yet be so powerful and so versatile. A lightweight with "big saw" features and performance. Professional cutters love it for the toughest kind of work, yet it is so ideally suited to the needs of the occasional user. A lightweight with real "guts."

Weighs only 15 lbs., less bar and chain. Runs twice as long on a tank of gas, and has 3 times the oil capacity of other lightweights. Delivers more horse power in the lugging range. Wright exclusive ruggedized construction for long service. Available with 14", 17", 21", and 25" cutting bars. Full 12 month warranty. ⅜" pitch chain. Roller bearings throughout.

Starts so easily every time. Perfect balance, fast—and so unbelievably handy.

M1355 Wright C40 Lightweight with 14" bar **$179.95**

M1356 Wright C40 Lightweight with 17" bar **184.95**

M1357 Wright C40 Lightweight with 21" bar **189.95**

ACCESSORIES FOR WRIGHT BLADE SAWS

Z2205-633655 All-Purpose Blade for Model B520 Blade Saw, 20" **$11.95**

Z2206-633657 All-Purpose Blade for Model B316 Blade Saw, 16" **9.95**

Z2207-615573 Scabbard for All Blade Saws **3.75**

Z2208-652507 Fine Cutting & Pruning Blade for Model B316, 16" **9.95**

Z2209-644588 20" Blade Kit and File (does not include blades) **4.95**

WRIGHT HEAVY DUTY [C] POWER BLADE SAW

Model B520

The original and exclusive blade saw that will do more jobs well than any ever built. Does your logging job—makes finish carpentry cuts—prunes limbs cleanly and quickly. The power, speed, and stamina of the Wright 7.06 cu. in. balanced-design, over-square engine means all-day production cutting. Exclusive versatility, safety, and ease of Wright Power Blade sawing. Safe, single-cutting edge cuts 10,000 short strokes per minute, gives mill-edge cut. Blade never needs oiling. Safety throttle stops saw if dropped. Carbide-coated hardwood blade and special meat-cutting blade available. Weighs only 25 lbs. complete. Cutting length, 20".

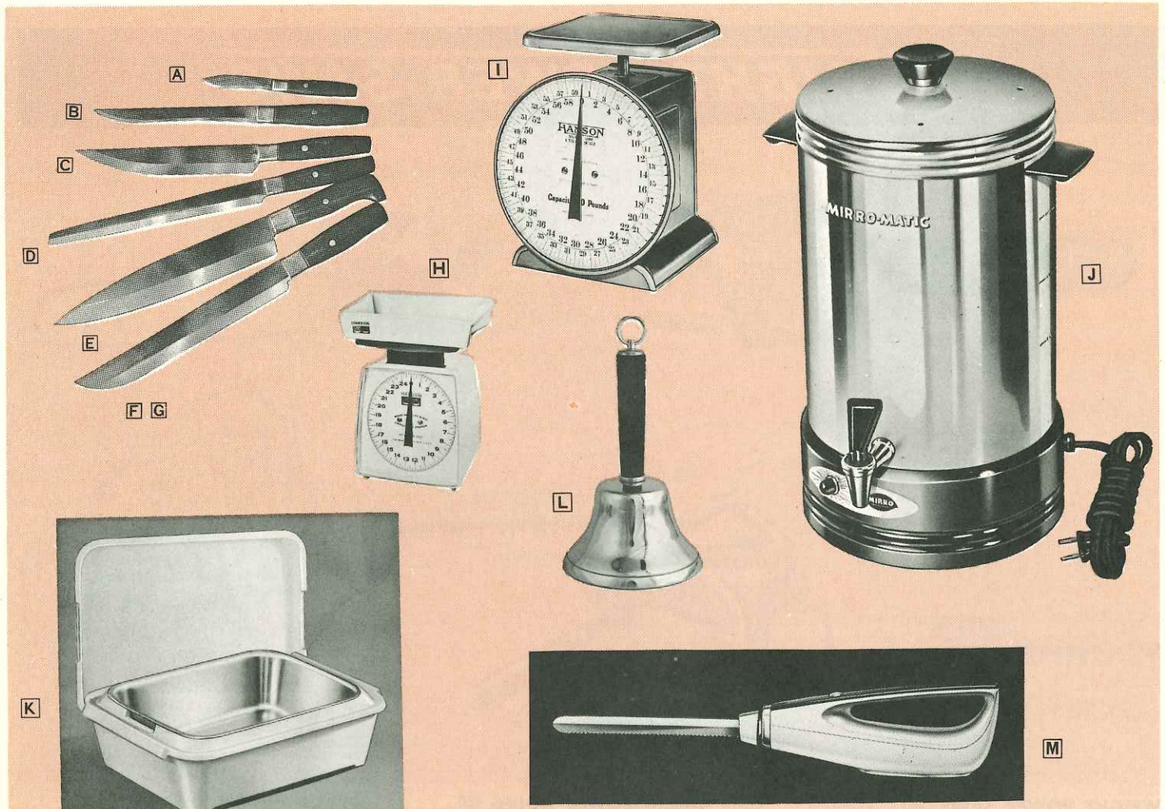
M1162-B520 Wright H.D. Power Blade Saw **$179.50**

WRIGHT COMPACT [D] POWER BLADE SAW

Model B316

This lightweight, low-cost, easy-to-handle workhorse makes a man the master of any cutting situation. This is a unit a forester will always want to have at hand. One that will do more for the tree farmer with a variety of different jobs to do than any power saw ever made. Weighs only 20 lbs. complete, and it's still the safest, simplest power saw ever made! Fine-cutting blade, now standard, fells trees easily and leaves smooth cut ideal for pruning, carpentry. Safe single cutting edge, short-stroke cutting, safety-cut-off throttle. 16" blade never needs oiling. Anyone can sharpen in 5 minutes.

M1163-B316 Wright Compact Blade Saw **$139.50**



HAND MADE KNIVES

The look and the "feel" of Ralph Woods Hand Made Knives speaks eloquently of their unique quality. Last a lifetime with ordinary care.

A **W3409** 3" Paring Knife, 4 oz. **$1.50**
B **W3408** 6" Filet Knife, 4 oz. **2.75**
C **W3407** 8" Fruit & Vegetable Knife, 6 oz. **3.50**
D **W3406** 9½" Slicer, 5 oz. **3.50**
E **W3404** 10" French Knife, 8 oz. **4.50**
F **W3403** 8" Butcher Knife, 7 oz. **3.25**
G **W3402** 10" Butcher Knife, 8 oz. **4.00**

Now Available With Weighing Dish HANSON HOUSEHOLD SCALE H

Fine impact styrene plastic body is a radical departure from the old type household scales. Dial is covered with polished styrene watch crystal plastic. Platform is seamless steel, removable for easy cleaning. Adjuster screw permits resetting the pointer to zero for scoop or container. Improved mechanism and materials give greater accuracy with smooth weighing action. A quality scale made of precision parts, carefully machined and assembled by scale craftsmen. White body, black platform. Dimensions: 8½" x 6¼" x 6¾". Platform: 4⅞" x 6½" seamless steel. Capacity 25 lbs. by 1 oz. Sh. wt. 4 lbs.

W5067-40 Household Scale only.
Regular price.....$5.95; Nasco price.....**$4.95**
W5128-41 Hanson Household Scale with Dish.
Regular price.....$6.95; Nasco price.....**$5.95**

HANSON UTILITY SCALE I

Popular for general use. Tested for accuracy. Tempered steel spring. Adjustment screw balances scoop or container. 7" platform, 8-inch dial. Weighs up to 60 lbs. Ship. wt. 8 lbs. 2 oz.
E7-2060 Utility Scale. Reg. $15.00. Nasco pr. **$14.00**

MIRRO-MATIC 35-CUP PERK J

Brews 10-35 cups of coffee automatically then keeps it drinking-hot. Bright polish aluminum with black anodized base. Red signal light, cool plastic trim. No-drip spout. Cord included. Wt. 5¾ lbs.

W3032-M-0126 35-cup perk (polished finish).
Regular price.....$16.88; Nasco price.....**$12.00**
W2924-M-0128 55-cup perk with encased glass gauge. Wt. 9 lbs.
Regular price.....$29.95; Nasco price.....**$23.98**

THERMO MAID K HOT AND COLD SERVER

Easiest, most convenient way to enjoy tempting hot or cold foods and beverages anywhere . . . anytime. Thermo-Maid's unique foamed polystyrene construction locks in temperature, maintains it for hours, assures the right serving temperature for any hot or cold menu. Hot dishes, roasts and other foods cooked in the aluminum inset can be taken directly from the oven, placed into the polystyrene case and served piping hot hours later, indoors or outdoors. Neither inset pan nor carrying case require pre-warming or cooling. Both clean up in a jiffy, too. Polystyrene wipes clean with a whisk of a damp cloth or sponge. Lightweight and easy to handle. Outside container made of foamed polystyrene. (Keep away from excessive heat and flame.) Inset pan of aluminum, 7 qt. capacity. Overall height 5¾", length 16⅜", width 12¼". Sh. wt. 3 lbs.
W4033-5070 Thermo-Maid Hot & Cold Server **$4.45**

HAND CALL BELL L

For the farm or home, cottage, patio or at a barbeque. Specially rolled, polished solid brass provides uniform tone quality. Long distance carry. Chromed clapper and fastenings for weather resistance. Width of bell at bottom is 6", at top 3". Over-all length, including handle, 9½". Ship. wt. 3 lbs.

E683 Hand Call Bell **$4.95**

HAMILTON BEACH ELECTRIC KNIFE M
Guaranteed for 5 Years

The only electric knife with this generous guarantee! All those bothersome cutting and carving chores, including festive dinners, become a simple matter of guiding the knife. Even hard-crusted breads or soft tomatoes are sliced easily and perfectly. Even small, feminine hands can grasp firmly the specially designed handle. Table rest built-in the handle. Polished, non-corroding stainless steel blades seldom need sharpening, keep their keen cutting edge. Handy on-off button on top, large blade release on bottom of handle. Six-foot detachable cord included. Over-all length 19½". White with gold embossed charcoal trim handle. 115 volts, 100 watts, AC only. Ship. wt. 2¼ lbs.

W5170-270 Electric Knife.
Regular price.....$24.95; Nasco price.....**$21.95**

"Next to mink, I like Glamourlamb next to ME"

PEMCO SUBURBA-LITE A MERCURY YARD LIGHT

Join the ever growing number of farms and suburban home owners who are installing these automatic lighting systems for property protection and for the convenience of well lighted dusk to dawn yards at a minimum cost. Make excellent feed lot lights, too.

Units come packaged with everything needed for easy, simple mounting onto post or side of building. Quickly and easily wired in by any electrician or handy man. Complete package consists of the lamp assembly, photoelectric control, bulb, mounting bracket, and necessary lag and anchor bolts. The heavy gauge aluminum construction is able to withstand the abuse to which it is subjected.

Z2547-PMB-100-30CA EEI-NEMA head yard light with integral 100 watt/120 volt lag ballast and twist-lock receptacle. IES Type V optical assembly. 1000-watt/120 volt photo-to-electric control. 1¼" x 30" aluminum bracket. 100 watt white mercury vapor lamp. Approx. ship. wt. 24 lbs. **$66.00**

Z2548-PMB-175-30CA Same as Z2547 except with integral 175-watt/120-volt lag ballast and 175-watt lamp. Approx. sh. wt. 25 lbs. **61.75**

Z2549-PMR-175-30CA Same as Z2547 except with integral 175 watt/240 volt reactor ballast and 175 watt lamp. App. ship. wt. 24 lbs. **57.50**

NOTE: Units having 240 volt reactor ballasts are wired for 120 volt photoelectric controls.

GLAMOURLAMB B

Nothing adds more charm to the home than one of these "electrified sheepskin" rugs before the fireplace, beside the bed, or hanging on the wall. Children—and adults—love the feeling of warmth in cold weather seasons, and GLAMOURLAMBS help prevent "sniffles." Special electric process straightens the kink of the wool making it look for all the world like a luxurious fur pelt. Your friends will never guess what it is.

So soft, so luxurious that they remind you of the finest furs. No wonder these big, beautiful, natural pelts are especially appreciated by fur lovers. They make a very special Christmas or anniversary gift for that very special friend or relative.

"Glamorized Electrified Sheepskins" are not ordinary sheepskins. They are created by an electrified combing process which does wonderful things to selected wool. It takes the crimp out of the wool, softens each fibre and adds a rich, warm sheen. The effect is so appealing that we cannot adequately describe it, but we're so certain you'll love GLAMOURLAMBS that we offer any of these splendid rugs with a full MONEY-BACK GUARANTEE if you're disappointed.

We especially recommend the black, white or sand GLAMOURLAMB RUGS, which sell at slightly higher prices because of the special dyeing process. But the natural yellow rug is very handsome, and just as useful. Average size of pelts: 8 to 9 square feet. Several can be sewn together, if you desire a larger rug. Sh. wt. 2¼ lbs.

1A175-MP16 Natural Yellow GLAMOURLAMB **$12.95**
P393 Black GLAMOURLAMB **16.00**
P394 White GLAMOURLAMB **16.00**
P395 Sand GLAMOURLAMB **16.00**

MAXIMUM-MINIMUM C THERMOMETER

This maximum-minimum thermometer tells the higest and lowest temperatures reached in any period, as well as present temperature. Indices reset by means of magnet supplied. Handsome 11½" gray plastic case has individually graduated scale. Range, minus 40° to 130° F. Each in a box. Sh. wt. 1 lb. 2 oz.

E80-5458 ..... **$12.95**

SKOTCH KOOLER BEL AIRE JUG D

SPECTACULAR PERFORMANCE! Jug contents of boiling water remained too hot to drink after 6 hours with jug exposed to normal room temperature. Jug contents of ice and water registered only 8 degrees above freezing after jug was exposed for 12 hours to 100°F. temperature.

An outer and inner shell of 100% high density linear polyethylene. New, streamlined 100% high density polyethylene faucet on spigot model. Shoulder spout model has white plastic "can't lose" stopper.

Combined triple-wall design offers more than double heat or cold retention.

M1198-352 1 Gal. Bel Aire Jug—Faucet **$6.95**
M1199-353 1 Gal. Bel Aire Jug—Shoulder **4.95**

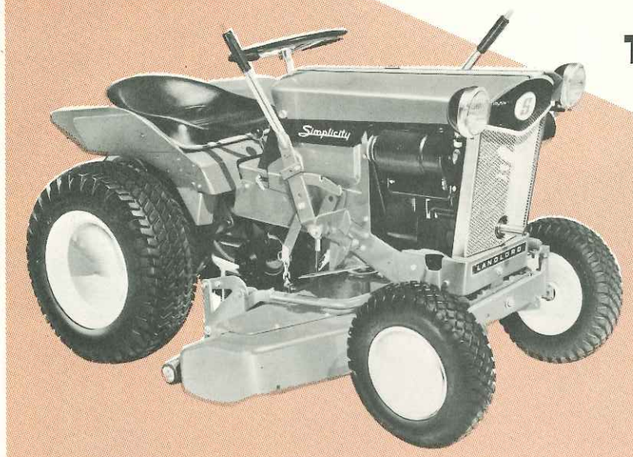
MINK DECALS E

As a special service to mink ranchers, Nasco offers a colorful, high quality mink decal that will help you advertise your ranch. Decal is silk screened on tough plastic impregnated paper and will last for a long time when properly applied. Mink is color of dark mink.

V717 4" Windshield Decal. Wt., 3 oz. Each **.35**

SIMPLICITY TRACTORS

THE "ALL PURPOSE" MINK RANCH EQUIPMENT



THE BIG 9 HP SIMPLICITY LANDLORD

The Simplicity Landlord—a power-house in a compact package. Goes anywhere, any time, on any mink ranch—handles any job. Feed the mink . . . operate electrical power equipment . . . groom the lawn . . . blow snow . . . till the garden . . . vacuum the nest boxes . . . level the drives . . . haul anything . . . there's just no end to the work this great tractor will do for you.

Big 9 HP Briggs and Stratton engine that gives you more actual working power than many units advertised at 10 HP. This brawny work-horse is built to take all the punishment you can give it. The best attachments made go on and off in a moment. Beautiful to handle . . . and to look at.

Speed range from less than 1 to 6 mph. New spur gear differential, deluxe bucket seat, efficient power to wheels, THREE power take-off points (front, center, rear), handy parking brake. Center PTO is optional.

Transmission: Sliding spur gear and spiral bevel gear, oil lubricated, carburized and hardened, mounted to anti-friction roller bearings.

Differential: Spur gear, precision cut, carburized and hardened.

Air Cleaner: Oil foam.

Turning Radius: 2' inner rear wheel.

12 volt electrical system.

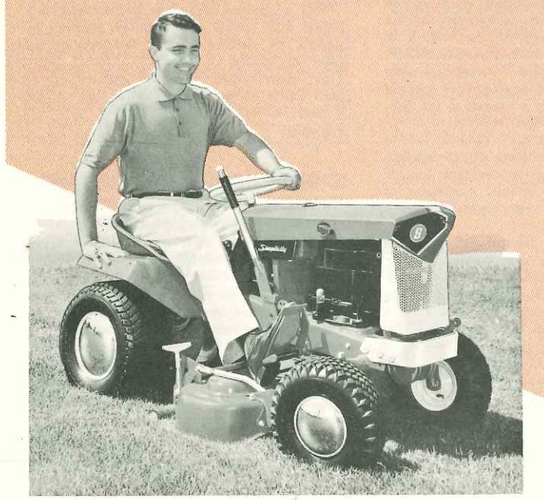
4.80 x 8 front tires, 8-12 rear tires.

Width, 34"; length, 65".

Write for complete colorful brochure.

E620-314 Simplicity 9 HP Landlord complete with battery, starter, and generator. Sh. wt. 676 lbs. **$695.00**

E704-308 Simplicity 9 HP Landlord with Easy-Spin rope starter. Sh. wt. 613 lbs. **615.00**



A BIG 6 HP SIMPLICITY BROADMOOR

A big 6 HP tractor that offers all season job versatility yet costs only a little more than a single purpose riding mower. Moves over the finest lawns like a fairy yet can get down and do those tough jobs for you, too. 6 HP Briggs and Stratton 4 cycle engine. Fully enclosed oil bath transmission. Two speeds forward, one reverse. Handles big 32" 3-blade rotary mower and 26" snow thrower. Available with big wide floating traction tires when the major use is on fine lawns. Otherwise, standard tires are recommended. Will cut 1½ acres of lawn in an hour. A real low-cost all around "ranch keeper." Full line of attachments. Write for complete brochure.

E618-287 Simplicity 6 HP Broadmoor with easy spin rope starter and standard tires. Sh. wt. 353 lbs. **$408.00**

E619-303 Simplicity 6 HP Broadmoor complete with starter, battery, generator and "Terra-Tread" tires, hub caps. **525.00**

SEE PAGES 60-61-62 FOR ALL ATTACHMENTS

SIMPLICITY SUPER WONDER-BOY

6 HP OR WONDER-BOY 400 (4 HP)

Simplicity engineers thought of everything when they designed the Super Wonder-Boy. They kept the lawn and the driver in mind. Extra-wide tires to eliminate treadmarks and add riding comfort . . . steering post embedded in rubber . . . deep foam rubber contour seat mounted on springs. Foot operated clutch-brake combination for positive control. Hook on attachments in seconds without tools. Pivot point under the driver's seat for more stable operation. This fine performer has what it takes to tackle lawn and garden jobs.

Check it out feature for feature. Mows an acre in an hour. 32" Rotary Mower trims up to ⅝" on sides. Never scalps ground, thanks to patented Free-Floating feature. Can be used to maintain your stone drive, mulch leaves to enrich your lawn, or roll your grass to carpet-smoothness. Hauls back-breaking loads. Pressure type muffler hushes noise without stealing power.

Briggs and Stratton 6 HP single cylinder, 4 cycle, air cooled engine. Foot-operated clutch brake combination. Specially designed 2-speed rear axle gives 2 forward speeds and 1 reverse. Geared differential. Large deluxe rear tires (16 x 6.50) 6½" wide. Front tires are 4" wide. Electrically welded steel, inverted channel construction. Center frame of heavy tubular steel. Sh. wt. 374 lbs.

E695 6 HP Super Wonder-Boy with 32" Rotary Mower and recoil starter **$456.00**

SIMPLICITY WONDER BOY 400

The greatest riding lawn mower value in America today. Low cost but so powerful—and capable of doing so many things. Nothing like it for the finset—or the roughest lawns. Mow over an acre an hour.

Handles slopes as steep as 40% without scalping a single blade of grass.

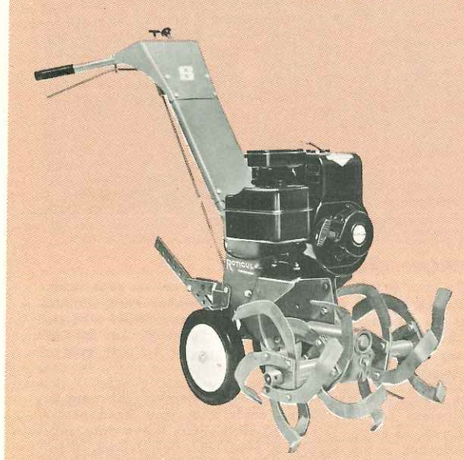
Sturdy all steel electrically welded. Easy spin starting. Has 24" rotary mower. Cuts right up to edge of fences, trees, etc. Averages 2 to 3 mph in low, 3 to 5 mph in high. Turns to outside of 1¼' radius. Mower completely adjustable.

Handles many accessories—snow plow blade, half-ton cart, 3-gang reel mower. 4 HP Briggs-Stratton 4 cycle engine. Sh. wt. 293 lbs.

E623 4 HP Wonder-Boy with 24" rotary mower **$330.00**

SEE PAGE 61 FOR ALL ATTACHMENTS

SIMPLICITY SUPERMATIC ROTICUL 4 HP OR 3 HP



Similar in appearance to many other rotary tillers—yes, that is true, but there the similarity ends. The difference becomes evident the minute you step behind it. Effortless power best describes it. Powerful Briggs-Stratton engine, all steel construction, balanced design, and something really new—long wearing all-gear reverse that responds to the touch of your finger.

Finger tip controls. Want to stop? Just release your grip on the handle controls.

Self-sharpening tines—guaranteed for the life of the tiller. Slice into the hardest soil down to 7" deep and 44" wide (29" on 3 HP unit).

Slender, perfect balance design lets you work through the narrowest rows. Width adjustable from 8½" to 44".

All gear drives. 1" diameter hardened steel tine shaft. Depth regulator, easy spin starting. Cast iron worm drive housing with spring loaded double lip seals to keep dirt out and oil in.

The finest tiller on the market—bar none.

E622-336 3 HP Roticul. Sh. wt. 122 lbs. **$135.00**

E621-330 4 HP Supermatic Roticul 4 HP with reverse. Sh. wt. 145 lbs. **166.00**

ACCESSORIES FOR ROTICUL ROTARY TILLER

E627-212 Tine Extension Set, to increase width of tines 10". Sh. wt. 18 lbs. **12.00**

E651-281 Roticul Transmission Oil (Case of 12 cans). Sh. wt. 28 lbs. **15.00**

SIMPLICITY SNO-AWAY

6 HP OR 4 HP

CHOICE OF TWO MODELS—6 hp, 26" swath; 4 hp, 23½" swath. Real snow-fighting specialists, these rotary snow throwers are tops in their class. They have all the strength, stamina and features required to help you banish those ever-shoveling blizzard blues.

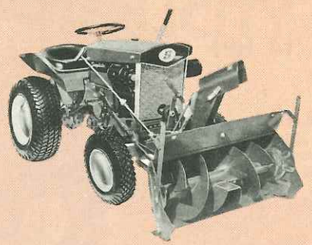
Non-clogging auger cuts clean, deep swath even through wet, heavy snow. Chutes the snow left or right, long or short (while running), at the touch of the control handle. Auger height is adjustable; skid shoes help you over the rough spots.

Briggs & Stratton engines include "Easy-Spin" feature. Starter shroud-protected against snow. New engine shrouds trap heat for cold-weather reliability.

E625-294 6 HP Sno-Away. Sh. wt. 244 lbs. **$315.00**

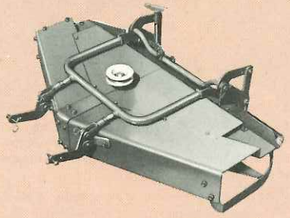
E624-296 4 HP Sno-Away. Sh. wt. 210 lbs. **245.00**

GRADER BLADE



ROTARY SNOW THROWER

SICKLE BAR MOWER



ROTARY MOWER

ACCESSORIES AND ATTACHMENTS FOR SIMPLICITY TRACTORS

SUMMER CAB

5 GANG TRAILER MOWER

ACCESSORIES AND ATTACHMENTS FOR SIMPLICITY LANDLORD

ROTARY MOWER

Big 42" 3-rotor mower. Mows velvet smooth at 2 acres per hour clip. Adjustable to any normal mowing heights. Elevate to traveling position and cut in high grass and weeds with amazing ease, yet clearing stones.

Patented no-scalping floating suspension. Cuts to outside of wheels . . . leaves practically no trimming. On and off in a minute. Needs center mounted power take-off E626-317. Sh. wt. 125 lbs.

E628-285 Rotary Mower **$130.00**

42" DOZER BLADE AND SNOW PLOW

Ruggedly built. Adjustable angles. Easily raised and lowered. Takes over those back-breaking shoveling jobs. Excellent for spreading and leveling gravel and surfacing in shed aisles . . . pushing snow . . . cleaning barns, etc. Use E645-182 rear counter weight. Four E647-046 wheel weights recommended. Sh. wt. 66 lbs.

E635-179 Dozer Blade ..... **$ 35.00**

SICKLE BAR MOWER

Big 46" swath for fast cutting in heaviest going. Angle can be adjusted for mowing banks. Use center mounted power take-off E626-317. Sh. wt. 116 lbs.

E560-210 ..... **$125.00**

ROTARY TILLER

Big tough tiller that works up a fine seed bed in almost any soil. 32" wide. Easy lift and power control. Will work up even tough sod. Use with front counter weight E644-223. Tines can be added to increase width to 42". Sh. wt. 129 lbs.

E558-174 Rotary Tiller **$140.00**

ROTARY SNOW THROWER

Probably the most indispensable piece of equipment on your ranch in the winter. Cuts big 36" swath . . . really blows the snow out and away. Adjust the direction of throw from your seat. Needs E645-182 rear counter weight. Drives from front power take-off. Sh. wt. 140 lbs.

E634-311 Rotary Snow Thrower **$155.00**

ALTERNATOR-GENERATOR

Hop on the tractor and take 115 volt power wherever you want it. No long dangerous power dropping cords from your fixed power sources. 1500 watt, 13 amp, 115 volt, 60 cycle. Extra heavy duty unit. Excellent emergency power supply in event of power failure. Wonderful for portable source of light at grading or sperm checking time. Operates power tools anywhere. Many leave it right on tractor for added rear wheel weight. 2 outlets. Sh. wt. 43 lbs.

E559-220 Mobile Generator **$140.00**

E627-212 Tine Extension Set, to increase width of E558-174 32" Rotary Tiller to 42". Sh. wt. 18 lbs. ..... **$ 12.00**

E629-284 Leaf Mulcher for E628-285 42" Rotary Mower. Sh. wt. 13 lbs. **10.00**

E630-207 32" Rotary Mower, requires E626-317 PTO. Sh. wt. 88 lbs. **92.00**

E631-173 Leaf Mulcher for E630-207 Mower. Sh. wt. 8 lbs. **6.00**

E632-275 5-Gang Trailer Mower Set, 98" cut, with hitch. Sh. wt. 534 lbs. **375.00**

E633-273 3-Gang Trailer Mower Set, 60" cut, with hitch. Sh. wt. 297 lbs. **215.00**

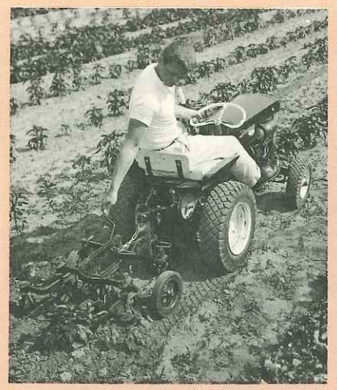
E636-237 42" Grader Blade, use with four E647-046 wheel weights. Sh. wt. 66 lbs. **30.00**

E637-283 Summer Cab only. Sh. wt. 30 lbs. **33.00**

E561-282 Winter Conversion Kit (For Summer Cab) Sh. wt. 18 lbs. **35.00**

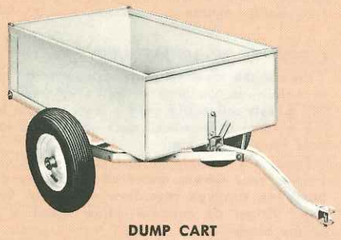
E638-204 10" Plow, with rolling coulter, (continued next page)

10 INCH PLOW

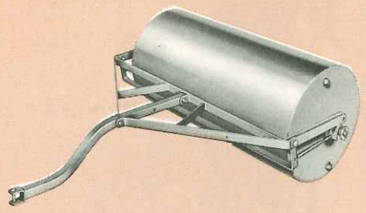


CULTIVATOR

ROTARY TILLER



DUMP CART



LAWN ROLLER

DOZER BLADE & SNOW PLOW

8-12 DISC HARROW

ALTERNATOR-GENERATOR

depth regulator. Requires E562-203 Hitch Adapter. Use with four E647-046 Wheel Weights. Sh. wt. 76 lbs. **62.00**

E557-206 8-12 Disc Harrow, requires E562-203 Hitch Adapter. Use four E647-046 Wheel Weights. Sh. wt. 64 lbs. **45.00**

E639-209 Cultivator with Rubber Tires, Depth regulator, 7 heat treated steels. Requires E562-203 Hitch Adapter. Sh. wt. 88 lbs. **50.00**

E640-085 Dump Cart, ½ ton, 39" x 26" x 12" with body and hitch. Sh. wt. 114 lbs. **80.00**

E641-083 21½" Lawn Roller, without hitch and scraper, for use with E640-085 Dump Cart. Sh. wt. 55 lbs. **28.00**

E642-274 Carry-All Box, 40" x 20" x 10", rear mounted. Sh. wt. 72 lbs. **50.00**

E643-227 36" Lawn Roller, with hitch and scraper. Sh. wt. 97 lbs. **45.00**

E644-223 Front Counterweight. Use with rear mounted attachments. Sh. wt. 46 lbs. **14.00**

E645-182 Rear Counterweight. Use with front mounted attachments. Sh. wt. 22 lbs. **8.00**

E647-046 Wheel Weights. Sh. wt. 25 lbs. Each **6.00**

E648-315 Tire Chains. Sh. wt. 31 lbs. **20.00**

E626-317 Center Mounted Power Take-Off. Sh. wt. 14 lbs. **25.00**

E562-203 Hitch Adapter. Sh. wt. 7 lbs. **6.00**

ACCESSORIES AND ATTACHMENTS FOR SIMPLICITY BROADMOOR TRACTOR

E649-289 32" Rotary Lawn Mower. Sh. wt. 87 lbs. ..... **$ 95.00**

E631-173 Leaf Mulcher for E649-289 32" Rotary Mower. Sh. wt. 8 lbs. **6.00**

E651-293 32" Rotary Snow Thrower. Use E655-300 Rear Weight and two E646-045 Weights. Sh. wt. 129 lbs. **135.00**

E633-273 3-Gang Trailer Mower, 60" cut. Sh. wt. 297 lbs. **215.00**

E652-298 40" Grader Blade, Center Mounted. Use E655-300 Rear Weight and two E646-045 Weights. Sh. wt. 49 lbs. **25.00**

E643-227 36" Lawn Roller with Hitch and Scraper. Sh. wt. 97 lbs. **45.00**

E654-299 42" Snow Plow and Dozer Blade. Use E655-300 Rear Weight and two E646-045 Weights. Sh. wt. 65 lbs. **35.00**

E655-300 Rear Weight. Sh. wt. 46 lbs. **15.00**

E646-045 Weight. Sh. wt. 25 lbs. **6.00**

E640-085 Dump Cart. ½ ton, 39" x 26" x 12" with body and hitch. Sh. wt. 114 lbs. **80.00**

ACCESSORIES AND ATTACHMENTS FOR SUPER WONDER-BOY 6 HP and WONDER-BOY 400

E641-083 21½" Lawn Roller without hitch and scraper, for use with E640-085 Dump Cart. For 4 HP and 6 HP Wonder-Boy. Sh. wt. 55 lbs. ..... **$ 28.00**

E640-085 Dump Cart, ½ ton, 39" x 26" x 12" with body and hitch. For 4 HP and 6 HP Wonder-Boy. Sh. wt. 114 lbs. **80.00**

E643-227 36" Lawn Roller with hitch and scraper. For 4 HP and 6 HP Wonder-Boy. Sh. wt. 97 lbs. **45.00**

E633-273 3-Gang Trailer Mower. 60" cut. For 4 HP and 6 HP Wonder-Boy. Sh. wt. 297 lbs. **215.00**

E631-173 Leaf Mulcher. For 6 HP Wonder-Boy. Sh. wt. 8 lbs. **6.00**

E711-335 36" Snow Plow and Dozer Blade. For 6 HP Wonder-Boy. Sh. wt. 42 lbs. **25.00**

E693-247 36" Snow Plow and Dozer Blade. For 4 HP Wonder-Boy. Sh. wt. 45 lbs. **25.00**

A

B

C

D

E

COMPOST SHREDDER-GRINDER A B

Big powerful grinder shredder with 4 HP Kohler engine. With this fine piece of equipment available, almost every bit of organic refuse is converted to valuable compost soil.

This is not just a unit to crumble leaves. It processes corn stalks, weeds, garbage, vines, hedge cuttings, tree limbs up to 2" in diameter.

The balanced rotor has 24 hardened steel hammers that are free swinging. Each hammer can be changed to provide 4 cutting edges, thus assuring many years of trouble free use. Will outperform any other unit on the market anywhere near its horsepower.

Mix the plant materials that are constantly accumulating on your ranch with the mink droppings from your sheds and you can build compost piles of the finest potting and garden soils that will be greatly sought after. Another profit possibility on your ranch.

A **E700** Compost Shredder-Grinder, less motor, for attachment to Simplicity tractor **$142.50**

B **E699** Compost Shredder-Grinder with 4 HP Kohler engine **250.00**

CIZEK "7 in 1" MOWER C

Here is the ideal all purpose mower—for grass or weeds—on the lawn or in heavy weeds. Big 26" wheels roll easily over a lawn without leaving a trace of a wheel mark—or moves easily over roughest terrain.

Features a variable ground speed chain drive. Propels your mower under all conditions—absolutely no slippage regardless of cutting conditions. Finger tip controls—adjust speed of unit or the blade.

Head can either "float," eliminating any scalping on rough ground, or lock in position for a beautiful level cut on smooth lawns.

Has high weed guard for easy handling of the biggest and toughest weeds.

The several attachments make this the easiest handling, most flexible source of power you can find. Attachments available include garden cultivator, elevator speed jack, brush saw, and a buck saw.

The addition of the sulky trailer provides you with a riding unit of unbelievable handling ease.

V1009-100 Cizek "7 in 1" Mower with variable ground speed and 4½ HP Clinton engine **$299.80**

V1010-104 Cizek "7 in 1" Mower with variable ground speed and 7 HP Wisconsin engine **337.50**

VACUUM COLLECTOR D

The greatest lawn vacuum and mulcher ever made. Tremendous vacuum or blower power. Connect on extension suction hose to clean sheds, nest boxes, etc. Mulches and picks up leaves and grass clippings as you mow. Sh. wt. 125 lbs. For use with Simplicity Landlord. Use with E628-285 mower and E640-085 dump cart.

E694-328 Vacuum Collector (cart & mower not included) **$175.00**

POWER WEED CUTTER E
Front Mounted

The weed cutter mink ranchers have been looking for. Mounts easily on to your Simplicity —or almost any other compact tractor.

Simple in design, but a real tough performer that handles just about any type of cutting you want to put it to.

Heavy ball bearing spindle. 36" cut. Cuts in under your sheds or fences—or flush with a fence. Can be raised or lowered as desired. Reversible extra heavy duty blade. ⅛" steel deck for complete safety. Spring loaded. Specify tractor make. Weight 85 lbs.

V1008 Front Mounted Weed Cutter. For Simplicity Landlord **$175.00**

See page 18 for new feed cart and page 44 for special fogger and sprayer. Both of these attachments made to be used on Simplicity tractors.

NASCO, INC., Fort Atkinson, Wisconsin

INDEX

— A —
Acid, Phosphoric 37
Adjustat Control for Line-O-Heat tape 23
Air Tank 52
Aluminum Flashing, Roofing 6
Anatomy Kit 34
Anchor, Earth 48
Antiseptic 35
Aprons, ... 14, 26
Attachments for Simplicity Tractors 18, 44, 60, 61, 62

— B —
Bags, Pelt 33
Bags, Plastic Beed Sample and Specimen 14
Bait, Mouse & Rat 43
Bands, Rubber 33
Bar, Planting 53
Bath, Foot 39
Beam, Fleshing 32
Bell, Hand Call 56
Bicillin 35
Black Leaf 40 33
Board, Clip 47
Board, Feed 11
Board, Pelt 27
Boots 37, 49
Bottle Holder, Water 51
Box, Dust 51
Box, Nest 10
Breaker, Neck 30
Breeding Records 13
Brush, Cleaning 39
Brush Cutter 53
Brush, Fur Carding 31
Brush Hook 53
Bucket, Thermo 35
Buck Saw 53
Bushing Driver Tool 22
Bushing, Grinder Plate 16

— C —
Cables, Power 52
Cage, Carrying 26
Cage Door 10
Cage Door Edge 10
Cage, Transfer 26
Capillary Tubes 35
Card Holder 13
Carding Brush, Fur 31
Carrying Cage 26
Cart, Bale 25
Cart, Feed 18, 25
Cart, Transfer Grading Cage 25
Cart Wheels 25
Casualty Reports 13
Catching Net 26
Centrifuge, Micro-Hematocrit 35
Chain, Dog 50
Channels 10
Chemical Respirator 46
Chinchilla Supplies 51
Chisel (Fence Tool) 9
Clamp, Pipe 22
Cleaner, Cup 12
Cleaner, Fur 29
Cleaner, Hand 38
Cleaner, Cold Water, Steam .. 40
Cleaning Compounds 38
Clip Board 47
Clipper, Dog 50
Clipper, Foot 31
Clip Remover 8
Clips, Pen (Nasclips) 8
Clock, Feed 13
Coat, White Show 49
Cod Liver Oil 37
Coffee Maker 56
Cold Storage & Shipping Container 35
Cold Water Cleaner 40
Collar, Choke, Dog 50
Comb, Dog 50
Compressor 52
Container, Cold Storage and Shipping 35
Controller, Weed 43
Conveyor 17
Corner, Board 11
Cotton Waste 32
Counter, Tally 47
Coupler, Hose 23
Coveralls 49
Cover Latch 10
Culture Slide 36
Cup Cleaner, Guard 12
Cup, Water 12
Cutter, Brush, Tree 53
Cutter, Plastic Pipe Hole ... 22
Cutting Pliers 7, 9
Cyanogas 33, 43
Cyanogas Pump 33

— D —
Decals, Mink 57
Deer Repellent 43
Deodorant 38
Digger, Post Hole 48
Dish, Pet Feed 51
Disinfectant 38
Dispenser, Hand Cleaner 38
Dividers, Pen 6
Dog Supplies 50, 51
Door, Cage 10
Drain Assembly, Valve 21
Drinking Valve 19
Dropper, Semen Collecting 36
Drugs 35
Drum, Pelting 29
Dust Box 51
Dust Mask 46

— E —
Ear Punch 47
Earth Anchor 48
End Drain Assembly 21

— F —
Feed Board Scraper 11
Feed Carts 18, 25
Feed Clock 13
Feeder, Chinchilla Pellet 51
Feeder, Mink 11
Feeder, Power 18
Feed Grid 10
Feed Grinders 15
Feed Gun, Spoon 13
Feed Harness 14
Feeding Tube, Force 35
Feed Schedule 13
Felt Point Marker 47
Fence Posts 5
Fence Stretcher 48
Fence Tool 9
Fiberglass Panels 6
Fire Pump 46
Fittings, Pipe 22
Flashing, Aluminum 6
Fleshing Beam 32
Fleshing Machine and Accessories and Parts 28
Fleshing Pole, Tool 32
Floor Scraper 39
Fly Controllers 42, 43
Fogger 46
Fogger Attachment for Riding Tractors 44
Food Supplements 37, 38
Foot Bath 39
Foot Clipper 31
Force Feeding Tube 35
Forceps 34
Founts 21
Fount Wrench 22
Fur Carding Brush 31
Fur Cleaner 29
Fur Trimming Scalpel 31

— G —
Gauge, Pressure 21
Germicide 38
Glasses, Microscope Slide 36
Gloves, Mink Handling 25
Gloves, Plastic, Rubber 37
Gloves, Thermal 49
Grading Stick 26
Grid, Feed 10
Grinder, Feed 15
Grinder Knives, Pins, Springs 16
Grinder Plates & Bushings 16
Grips, Wire 48
Guard, Cup 12
Guide, Tail Slitting 31
Gun, Feed 13
Gun, Staple 33

— H —
Hand Cleaner & Dispenser 38
Hanger, Nest Box 10
Hanger, Pelt 33
Hanger, Pipe 22
Hardware Cloth 5
Harness, Feed 14
Heater, Room, Water 41
Hex Netting 3
Hinges 10
Hogger 17
Holder, Card 13
Holder, Tally Sheet 47
Holder, Water Bottle 51
Hole Cutter for Plastic Pipe 22
Hole Liner 10
Hole Saw, Nest Box 9
Hook, Brush 53
Hose Coupler 23
Hose, Water 23
Hydrant 23

— I —
Instruments, Veterinary 34

— J —
Jug, Water 57

— K —
Kit Detector 36
Knife, Electric 56
Knife, Heading Skinning 31
Knife Sharpener 31
Knife Sharpening Service 16
Knife, Skinning, Tail Slitting 31
Knives, Grinder 16
Knives, Household 56

— L —
Latch 10
Leash 50
Level, Hand 48
Lift Trucks 52
Light, Trouble 41
Light, Yard 57
Line-O-Heat Tape and Control 23
Liner, Hole 10
Liners, Chopper Mitt 25
Lopper 54

— M —
Magnifier 36
Marker, Felt Point 47
Marker, Pen 13
Mask, Dust 46
Metal Snips 7
Micro-Hematocrit Centrifuge 35
Microscope 36
Microscope Slide Glasses 36
Microscope Slides 36
Mistblower 44
Mitts, Chopper 24
Mitts, Mink Handling 24, 25
Mixer 17
Mounting Tools for BM Valve 19
Mouse Bait 43
Mower 60, 61, 62
Muzzle, Dog 50

— N —
Nails 8
Napkins, Pelt Wiping 32
Nasclips and Remover 8
Neck Breaker 30
Needles, Syringe 34
Nest Box 10
Nest Box Hanger 10
Nest Box Hole Saw 9
Nest Box Latch 10
Net, Catching 26
NFZ Puffer, Soluble 35
Nozzle, Water 30

— O —
Oil, Cod Liver 37
Oilstone 31
Oil, Wheat Germ 38
Ointment 35

— P —
Pad, Scouring 39
Pails 39
Panels, Fiberglass 6
Pan, Feed 11
Pan, Freezer 14
Passage Ring 51
Pellet Feeder, Chinchilla 51
Pelt Bags, Hangers 33
Pelt Boards 27
Pelting Drum 29
Pelt Stamp 29
Pelt Tags 33
Pelt Wipers 32
Pen Dividers 6
Penicillin 35
Pen Latch 10
Pen Marker 13
Pen Ringer, Rings 7
Percolator 56
Pet Supplies 50, 51
Phosphoric Acid 37
Pins, Grinder 16
Pins, Push 31
Pipe Clamps, Hanger 22
Pipe Fittings 22
Pipe, Plastic 20, 22
Planting Bar 53
Plastic Pipe 20
Plates, Grinder 16
Pliers, Cutting 7, 9
Pliers, Nasclip 8
Pole, Fleshing 32
Post Hole Digger 48
Posts, Fence 5
Power Cables 52
Pressure Gauge 21
Pressure Reducing Tank 21
Pressure Regulator 21
Protector, Sleeve 26
Pruning Tools 48, 53, 54
Pump, Cyanogas 33
Pump, Fire 46
Punch 8
Punch, Ear 47
Push Pins 31

— R —
Rags, White Cotton Wiping .. 32
Rat Bait 43
Records, Breedings, Casualty, Feed 13
Regulator, Pressure 21
Repellent, Deer 43
Respirator 46
Ridge Roll 6
Ringer, Pen 7
Ring, Male Passage 51
Rings, Pen 7
Riveter 8
Roofing, Aluminum, Fiberglass 6
Rubber Bands 33
Rugs, Sheep Skin 57

— S —
Saw, Buck, Hand 53
Saw, Nest Box Hole 9
Saw, Pruning 48, 53, 54
Saws, Power Blade and Chain 55
Scale, Household 56
Scalpel, Fur Trimming 31
Scissors, Surgical 34
Scoops 37
Scouring Pads, Sponge 39
Scraper, Feed Board 11
Scraper, Floor 39
Scraper, Tartar 50
Scraper, Wire Grid 11
Semen Collecting Dropper 36
Server, Thermo-Maid 56
Sharpener, Knife 31
Sharpening Service, Grinder Plate 16
Shear, Electric 9
Shear, Hedge 54
Shear, Pruning 53, 54
Sheep Skin Rugs 57
Sheep Skin Vest 49
Show Coat 49
Shut-off Valve 21
Skinning Machine 29
Skinning Machine Parts 30
Sleeve, Fabric, Plastic 33
Sleeve Protector 26
Slicer 17
Slide Glasses, Microscope 36
Slide, Microscope 36
Snips, Metal 7
Snips, Tin 9
Snow Blower 59
Soap, Liquid 38
Splicer, Wire 9
Sponge, Scouring 39
Spoon, Feeding 13
Sprayers 45, 46
Sprayer Attachment for Riding Tractor 44, 45
Spray, Fly 42
Springs, Grinder 16
Squeegee 39
Stafgard 38
Stamp, Pelt 29
Staple Gun, Staples 33
Staple Puller (Fence Tool) 9
Staples, Netting 8
Steam Cleaner 40
Stick, Grading 26
Storage & Shipping Container 35
Strainer, Water 21
Stretcher, Fence, Wire 48
Syringes and Needles 34

— T —
Tag, Pelt 33
Tail Slitting Guide 31
Tally Counter 47
Tally Sheet Holder 47
Tank, Air 52
Tank, Pressure Reducing 21
Tape, Line-O-Heat 23
Tape, Steel Measuring 48
Tape, Water Pipe 23
Tartar Scraper 50
Tattoo 47, 51
Thermometer 57
Thermo Server 56
Tiller, Roticul 59
Tin Snips 9
Toe Nail Clipper, Canine 50
Towels, Paper Pelt 32
Tractors, Simplicity 58, 59
Attachments 18, 44, 60, 61, 62
Transfer Cage 26
Trap, Fly 43
Trap, Mink 26
Trap, Small Animal 26, 47
Tray, Chinchilla 51
Tray, Feed 11
Tree Cutter 53
Trimming, Scalpel, Fur 31
Trouble Light 41
Trough, Water 12
Trucks, Lift 52
Tubes, Capillary 35
Tube, Force Feeding 35

— U —
Urox 43

— V —
Vacuum Cleaner 39
Valve, Drain 21
Valve, Drinking 19
Valve, Shut-off, Stop 21
Vest, Sheep Skin 49
Vitamin Supplements 37, 38

— W —
Warfarin 43
Waste, White Cotton 32
Water Bottle Holder 51
Waterer, Pet 51
Waterers, Mink 12
Water Heater 41
Watering System 19
Water Jug 57
Water Nozzles 30
Water Strainer 21
Weed Control 43
Wheat Germ Oil 38
Wheels, Cart 25
Whirl-Pak Bags 14
Wipers, Pelt 32
Wire 3, 4
Wire Grips, Stretcher 48
Wire Splicer 9
Wrench, Fount 22

— Y —
Yard Light 57

Shipping and Delivery Information

Freight (Rail or Truck) Shipments

Freight is the most economical way to ship heavy, bulky merchandise. Freight orders will be shipped the best way—by rail or truck—unless you specify otherwise. "Best way" means fastest service consistent with the most economical shipping cost.

If your order is to be shipped by rail or truck, try to build your order up to 100 lbs. You pay the 100-lb. rate on freight shipments of 100 lbs. or less. Charges on shipments over 100 lbs. are based on actual weight.

Direct-to-home Freight delivery. Many railroads offer direct-to-home truck delivery service on rail freight shipments—usually only within city or village limits. Ordinarily there is no extra charge except where the freight rate is very low. Then a slight charge is made by the railroad to cover the extra cost of delivery. Such deliveries are usually made to first floor or sidewalk. Ask your freight agent about this service.

Truck Rates. Not all trucking companies make deliveries to a home address. If you specify truck and do not have a street address, be sure to give your highway route number and some identifying landmark so the truck driver can find your home. Post Office rural route and box number locations alone are not enough.

Railway Express Shipments

Express is the fastest way to ship bulky, unmailable merchandise. Railway express shipments move on fast passenger trains and get preferred handling while in transit. This type of shipment is especially suitable for light but bulky, fragile or odd shaped articles. If your town has railway express service, merchandise is delivered to your home at no extra charge. Do not send money for express charges with your order unless there **is no express agent near you.** See table of railway express rates at right. Be sure to specify express on your Nasco order blank if desired.

How to figure Parcel Post charges

Packages weighing up to 70 pounds and measuring not more than 100 inches in combined length and girth (measurement around at widest point) can be sent by Parcel Post in all parcel post zones, except when mailed at a first class post office and addressed for city delivery to another first class post office.

Parcel Post weight limits on packages mailed between first class post offices and addressed for city delivery are 40 lbs. to the local, first and second zones; 20 lbs. to zones 3 to 8. The size limit for these packages is 72 inches length and girth combined. Size and weight limits do not affect you unless you have a city address, post office box number address, or general delivery address served by a first class post office. Your postmaster or carrier can tell you if you live in a first class post office area. Items which cannot be sent by parcel post will be shipped freight or express.

Figure postage on total weight of articles you are ordering. On your order, show shipping weight of each article in pounds and ounces in last two columns of order blank. Add pounds and ounces and change ounces into full pounds (16 ounces to a pound). Then show total weight in pounds.

When figuring postage on packages weighing more than one pound, the post office counts a fraction of a pound as a full pound and charges postage accordingly. For example, if the total weight of your order is 7 pounds and 1 ounce, the post office charges the parcel post rate for full pounds. Therefore you could include additional articles weighing 15 ounces without having to pay more for postage. It means extra savings for you when you build up your order to full pounds. **Include enough for postage** with your order, since we must pay postage on parcel post packages before we can send merchandise. Be sure to send enough—if you send more than the effective parcel post rates, we return the extra amount.

Postal Money Order, American Express and Parcel Post C.O.D. Fees

Amount	Postal Money Order Fees	Parcel Post C.O.D. Fees
Up to $ 5.00	20c	40c
$ 5.01 to 10.00	20c	50c
10.01 to 25.00	30c	70c
25.01 to 50.00	30c	80c
50.01 to 100.00	35c	90c

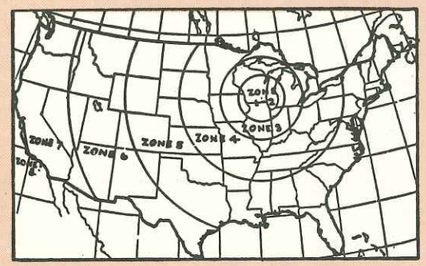
Amount	American Express Money Order Fees
Up to $ 9.99	20c
$10.00 to 49.99	30c
50.00 to 100.00	35c

For amounts over $100, purchasing additional orders at above rates.

American Express money orders can be purchased at any American Express Agency. Postal money orders can be purchased at any post office or through your carrier on rural routes. We bill you for C.O.D. fee, which we must pay the post office.

Rates on this page are subject to change without notice.

For any information regarding parcel post matters, ask your mail carrier or your postmaster.



EXPRESS RATES

Do not send money for express charges with your order as they can be paid on delivery. The minimum charge for any express shipment is $2.88 plus a 30¢ surcharge charged by the Express Company. Example: If your order weighs 30 lbs. and you live about 200 miles from shipping point, the charge would be $4.18 plus the 30¢ surcharge.

Weight	100 Miles	200 Miles	300 Miles	400 Miles	500 Miles	700 Miles
5 pounds	$2.88	$2.94	$2.97	$3.05	$3.07	$3.14
10 pounds	3.06	3.19	3.25	3.41	3.44	3.58
15 pounds	3.25	3.43	3.52	3.76	3.81	4.02
20 pounds	3.43	3.67	3.80	4.11	4.19	4.45
30 pounds	3.80	4.18	4.36	4.82	4.91	5.34
40 pounds	4.15	4.65	4.90	5.52	5.66	6.22
50 pounds	4.51	5.13	5.45	6.24	6.41	7.10
75 pounds	5.44	6.35	6.83	8.01	8.27	9.29
100 pounds	6.34	7.58	8.20	9.77	10.11	11.48

PARCEL POST ZONE MAP AND CHARGES

Weight, not less than 1 lb. and not exceeding—	Not Over 150 Miles 1st and 2nd Zone	151 to 300 Miles 3rd Zone	301 to 600 Miles 4th Zone	601 to 1000 Miles 5th Zone	1001 to 1400 Miles 6th Zone	1401 to 1800 Miles 7th Zone	1801 Mi. and Over 8th Zone
Up to, but not incl., 16 oz.—4¢ for the first 2 oz. and 2¢ for each additional oz.							
16 oz. to 2 lbs.	$0.40	$0.42	$0.46	$0.52	$0.59	$0.66	$0.72
3 lbs.	.46	.49	.55	.64	.73	.83	.93
4 lbs.	.51	.55	.64	.75	.88	1.01	1.13
5 lbs.	.57	.62	.72	.87	1.02	1.18	1.34
6 lbs.	.62	.68	.80	.97	1.15	1.34	1.53
7 lbs.	.68	.75	.88	1.07	1.28	1.50	1.73
8 lbs.	.73	.81	.95	1.18	1.41	1.66	1.92
9 lbs.	.78	.87	1.03	1.28	1.53	1.82	2.12
10 lbs.	.83	.93	1.10	1.38	1.66	1.98	2.31
11 lbs.	.88	1.00	1.18	1.48	1.78	2.14	2.48
12 lbs.	.93	1.06	1.26	1.58	1.90	2.29	2.66
13 lbs.	.98	1.12	1.33	1.69	2.02	2.44	2.83
14 lbs.	1.03	1.18	1.41	1.79	2.14	2.60	3.01
15 lbs.	1.08	1.24	1.48	1.89	2.25	2.75	3.18
16 lbs.	1.13	1.30	1.56	1.99	2.37	2.90	3.36
17 lbs.	1.18	1.36	1.64	2.09	2.49	3.06	3.53
18 lbs.	1.23	1.42	1.71	2.20	2.61	3.21	3.71
19 lbs.	1.28	1.48	1.79	2.30	2.73	3.36	3.88
20 lbs.	1.32	1.54	1.86	2.40	2.85	3.51	4.06
For each extra lb.	Add .04	Add .05	Add .07	Add .09	Add .12	Add .15	Add .18

Prices shown in this catalog are subject to change without notice as sources of supply change their prices to us. Shipping charges will be prepaid, and added to your invoice. Nasco does not charge for ordinary packing of materials, but when special containers are required for adequate protection the cost is added to your invoice.

NASCO ORDER BLANK

FUR FARM CATALOG NO. 12 FORT ATKINSON, WIS. 53538

PLEASE SPECIFY CATALOG NUMBER, QUANTITY, NAME OF EACH ITEM, COLOR, SIZE, PRICE, AND SHIPPING WEIGHT.

NAME _____ STREET OR ROUTE _____

CITY _____ STATE _____ ZIP CODE _____

Fill in below if order should be billed to another address than that above.

CHARGE TO _____ STREET OR ROUTE _____

CITY _____ STATE _____ ZIP CODE _____

Freight or Express office (if different from postoffice) _____

Date: _____

Ship by (please check)

☐ Parcel Post ☐ Express

☐ Truck, Via _____

Enclosed is ☐ Check ☐ Cash

☐ Send C.O.D. ☐ Money Order

Quantity	Catalog Item Number	Description of Item Wanted	Size—Color	Unit Price	Total Dollars	Total Cents	SHIP. WTS. Lbs.	SHIP. WTS. Ozs.
							Total Wt. in Lbs.	
				TOTAL	$			

List other items on back of this order blank. All prices F.O.B. shipping point.

ORDERED BY _____

POSITION _____

Orders over $3.00 include $.10 to cover insurance.

Amounts from other side For CASH ORDERS— Shpg. and Insurance

NASCO ORDER BLANK

FUR FARM CATALOG NO. 12 FORT ATKINSON, WIS. 53538

PLEASE SPECIFY CATALOG NUMBER, QUANTITY, NAME OF EACH ITEM, COLOR, SIZE, PRICE, AND SHIPPING WEIGHT.

NAME _____ STREET OR ROUTE _____

CITY _____ STATE _____ ZIP CODE _____

Fill in below if order should be billed to another address than that above.

CHARGE TO _____ STREET OR ROUTE _____

CITY _____ STATE _____ ZIP CODE _____

Freight or Express office (if different from postoffice) _____

Date: _____

Ship by (please check)

☐ Parcel Post ☐ Express

☐ Truck, Via _____

Enclosed is ☐ Check ☐ Cash

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Quantity	Catalog Item Number	Description of Item Wanted	Size—Color	Unit Price	Total Dollars	Total Cents	SHIP. WTS. Lbs.	SHIP. WTS. Ozs.
							Total Wt. in Lbs.	
				TOTAL	$			

List other items on back of this order blank. All prices F.O.B. shipping point.

ORDERED BY _____

POSITION _____

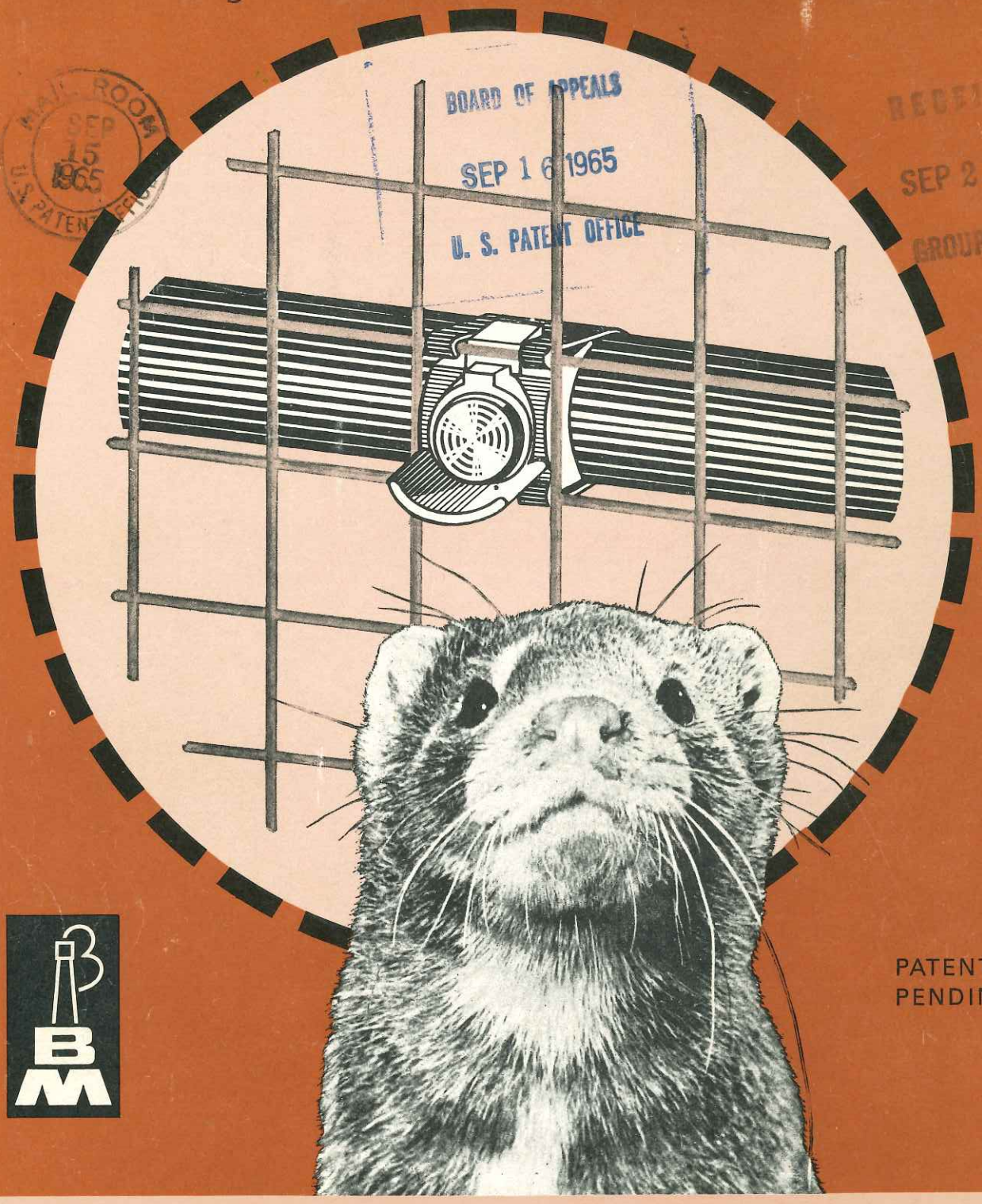
Orders over $3.00 include $.10 to cover insurance.

Amounts from other side For CASH ORDERS— Shpg. and Insurance

ORDER CONTINUED

Quantity	Catalog Item Number	Description of Item Wanted	Size—Color	Unit Price	Total Dollars	Total Cents	SHIP. WTS. Lbs.	SHIP. WTS. Ozs.

MAIL ROOM SEP 15 1965 U.S. PATENT OFFICE
BOARD OF APPEALS SEP 16 1965 U. S. PATENT OFFICE
RECEIVED SEP 20 1965 GROUP 430



PATENT PENDING

NASCO BM MINK DRINKING VALVE

THE FOOL PROOF MINK WATERING SYSTEM

SEE INDEX

NASCO, FORT ATKINSON, WIS. 53538
RETURN REQUESTED

BULK RATE
U. S. POSTAGE
PAID
Waterloo, Wis.
Permit No. 20

JAMES M. DAVIS
JOHN MORRELL & CO.
POWER PLUS SALES
ALIBENE, KANSAS M